

Linganna Allula

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SUMMARY

Web and Mobile application Architect with over 4 years of leadership experience in designing and developing innovative business solutions for both public and private sector clients. Skilled in cloud computing, infrastructure scaling, information management, application development and virtualization. Demonstrated mastery in evaluating requirements for business application integration and service activation. Proven mentor and training with expertise in communicating across organizational levels and with cross-functional teams to drive shared vision and foster culture of excellence.

TECHNICAL SKILLS

Programming Languages: Java Script, Type-script, Python, Swift, Objective-C, Java, C, C++

Database: MongoDB, SQL, Postgress, Timescale db, Druid, RDBMS, NoSQL, Core data, RocksDb, JDBC connectors

Tools: XAAMP, PM2, AWS Cloud tools, Jenkins, Travis CI, Maven

IDE: Visual Studio, PyCharm, Eclipse, IntelliJ, XCODE

Markup Languages: JSX, XML, HTML

Web servers: Nginx, Apache

Environment / Platform: MEAN, MERN, Python

Frameworks: Express, Flask, React JS, Angular, React-Native, iOS

Server-side skills: API, REST, Database, and Cache, Load balancing, Message Queue, data streaming, windowing

Software Architectures: Micro service, Monolithic service and Serverless service, Distributed service architectures

Design Patterns: MVC, MVVM, MVP, Delegation, KVO

Database skills: UML Entity Relation ship models, Schema modeling, Replication, Sharding, Indexing, Distributed Caching, elastic search

Software Design Principles: SOLID design principles

Cloud Platforms: AWS, Google cloud

AWS services: EC2, ECS, S3, LAMBDA, Cloud front, API Gateway, AWS Glue, AWS EMR, Cognito, SQS, SES, SNS

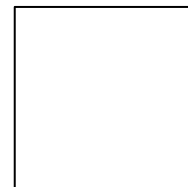
Source Control: Bit bucket, Github

Version Control: GIT

Management methodologies: Agile, Waterfall

Project Management Tools: Jira, Trello, Confluence

Streaming Technologies: Spark, KSQL, Kafka Stream



ORGANIZATION DETAILS

Organization	From	To	Duration
Strumsoft India Pvt Ltd(Acquired by Synchronoss)	2011 Feb	2014 March	3.1years
Synchronoss Technologies	2014 April	2018 October	4.6years
Emproto Technologies Int Pvt Ltd	2018 November	Till Date	1.11years

PROJECTS DETAILS

Project #1

Title : Yoda trade
Client : Emproto Technologies India Pvt Ltd (Product)
Domain : Stock Trading
Project Type : Development
Team Size : 10
Period : 10 months (Nov'19 - Till date)

Technologies used: Flask, React, Spark, Kafka, Kafka Stream, TimeScale db, Postgress, Javascript, Python, Java

AWS Components used: EC2, AWS Glue, AWS EMR

Database used: Timescale db, Postgress sql

Project Description: Yoda trade is a algorithmic trading platform. Create custom strategies using over 70+ technical indicators, up to 5 entry conditions and 5 exit conditions on any stock, future contract, commodity and currency future.

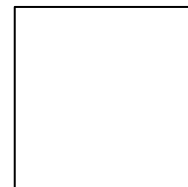
Project Related Links :

- <https://www.youtube.com/watch?v=auD7HHGAPtM&feature=youtu.be>
- www.yodatrade.com

Roles : Software Solution Architecture

Responsibilities :

- Setting up system architecture for whole solution
- Evaluating and validating the each component of architecture by doing sample programs
- Evaluating different Time-series databases and creating the database model schema
- For evaluating project constraints to find alternatives, alleviate risks, and perform process re-engineering if required.
- Fixing technical issues as they arise.
- Supervises and guides development teams.
- Continuously researches emerging technologies and proposes changes to the existing architecture.



Project #2

Title : NSDC
Client : Trans neuron technologies
Domain : Skill Development
Project Type : Development
Team Size : 10-15
Period : 6 months (June'19 - October'19)

Technologies used: Nodejs, Python, GO

Database used: Mongoddb

AWS Components used: Amazon ECS

Project Description: NSDC is a not-for profit Company set up by the Ministry of Finance, under Companies Act to promote skill development with the help of the private sector.

Roles : Senior Backend developer/Full stack Architecture

Responsibilities:

- Design overall architecture of the web application.
- Maintain quality and ensure the responsiveness of applications.
- Highly experienced with back-end programming languages
- Collaborate with the rest of the engineering team to design and launch new features.

Project #3

Title : PhableCare
Client : PhableCare
Domain : Health Care domain
Project Type : Development, Maintenance, Implementation
Team Size : 10-15
Period : 2 years (Oct'18 to Till date)

Technologies used: iOS, android, react, react native, angular, node js, mongodb, AWS, express

Database used: Mongoddb with Atlas cloud deployment

AWS Components used: Amazon EC2

Project Description: An Intelligent health assistant to cure long term ailments in India.

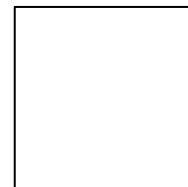
Project Related Links :

- <https://www.phablecare.com/>
- <https://apps.apple.com/in/app/phable-your-health-tracker/id1437713523>

Roles : Full stack and Mobile architect, Project Manager, Business Analyzer

Responsibilities:

- Design overall architecture of the web application.
- Maintain quality and ensure the responsiveness of applications.
- Gathering the requirements from the client and convert those requirements to software solutions with suitable paradigms.
- Deployment of backend, mobile, front end apps, taking care of the migration issues



- Highly experienced with back-end programming languages Collaborate with the rest of the engineering team to design and launch new features.
- Creating a detailed business analysis, outlining problems, opportunities and solutions for a project
- Requirement gathering, Planning and monitoring
- Defining business requirements and reporting them back to the stakeholders
- Managing reports and necessary documentation
- Monitoring progress
- Analyzing and managing project risk

Project #4

Title : FundsCorner
Client : FundsCorner
Domain : Fin tech
Project Type : Development, Implementation
Team Size : 5-8
Period : 3 months(Dec'19 - Feb'20)

Technologies used: Flask Python, AWS Serverless

Database used: MongoDB

AWS Components used: API Gateway, Cognito, SQS, SNS, Lambda, SES

Project Description: Working capital lender platform for small businesses

Project Related Links :

- <https://www.fundscorner.com>

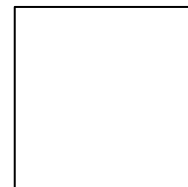
Roles : Full stack architect, AWS solution architect.

Responsibilities:

- Design overall architecture of the web application.
- Maintain quality and ensure the responsiveness of applications.
- Evaluating and integrating appropriate AWS services like SQS, Cognito, API gateway, Lambda
- The use of technology for finding a solution to business problems
- Which platform, framework or tech-stack should be used for the creation of a solution?
- The appearance of the application, what modules to use and the interaction between those modules.
- Scaling for future and its maintenance
- Determining the risk associated with the third-party platforms or frameworks
- Finding solutions to business problems

Project #5

Title : Signify Rewards
Client : Philips
Domain : Loyalty Program
Project Type : Development, Implementation, Maintenance
Team Size : 5-8
Period : 3 months(Feb'20 - April'20)



Technologies used: react, react native,, Node JS, Mongoddb, AWS, express

Database used: Mongoddb

AWS Components used: API Gateway, EC2

Project Description: Loyalty program for electricians who sells Philips lighting product.

Project Related Links :

- https://play.google.com/store/apps/details?id=com.emproto.ecolink&hl=en_IN

Roles : Full stack and Mobile architect, Project Manager, Business Analyzer

Responsibilities :

- Design overall architecture of the web application.
- Maintain quality and ensure the responsiveness of applications.
- Highly experienced with back-end programming languages Collaborate with the rest of the engineering team to design and launch new features.
- Creating a detailed business analysis, outlining problems, opportunities and solutions for a project
- Requirement gathering, Planning and monitoring
- Defining business requirements and reporting them back to the stakeholders
- Managing reports and necessary documentation
- Monitoring progress
- Analyzing and managing project risk

Project #6

Title : Grexter Living
Client : Grexter Living
Domain : CRM
Project Type : Development
Team Size : 8
Period : 4 months(Feb'19 - May'19)

Technologies used: React Native, React, Python, Flask.

Database used: SQL

AWS Components used: EC2

Project Description: To Manage tenant stay at Grexter on the go. Pay tenant rent, raise service requests, get notified about community events and much more all in one place.

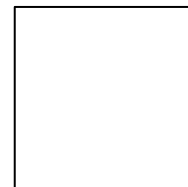
Project Related Links :

- <https://apps.apple.com/id/app/grexter-living/id1481049753>
- <https://grexter.in/>

Roles : Full stack and Mobile architect

Responsibilities:

- Design overall architecture of the web and mobile application.
- Maintain quality and ensure the responsiveness of applications.
- The use of technology for finding a solution to business problems



- Which platform, framework or tech-stack should be used for the creation of a solution?
- The appearance of the application, what modules to use and the interaction between those modules.
- Scaling for future and its maintenance
- Determining the risk associated with third-party platforms or frameworks
- Finding solutions to business problems

Project #7

Title : Colour with Asian Paints
Client : Asian Paints
Domain : Home decorative, Life style
Project Type : Development
Team Size : 5
Period : 10 months(Dec'19 - Till Date)

Technologies used : iOS, Swift

Project Description: We can see the entire Asian Paints Color Spectra (our catalog of 1800 gorgeous shades) and apply different shades on the real walls.

Project Related Links :

- <https://apps.apple.com/in/app/colour-with-asian-paints/id1277723039>

Roles : Mobile architect, Project Manager, Business Analyzer

- Review code, project output and ensure compliance to industry best practices
- Assist the client, customers in explaining and applying enterprise solutions on mixed mobile platforms
- Perform the setup and troubleshoot applications to help fix bugs and functional issues
- Ensure suitable regularity of mobile solutions, structures and solutions architecture across multiple projects, as applicable
- Understand the client necessities, create solution requirement documents and perform the product Development and launching the mobility solution solutions.
- Direct strategy and reliability among system elements as they are advanced; identify when crossing point influences which might occur and providing an early solution to avoid issues.

Project #8

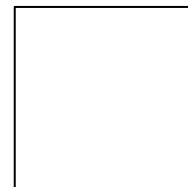
Title : Raybaby
Client : Raybaby
Domain : Health Care and Security
Project Type : Enhancement
Team Size : 5
Period : 2 months(Jan'20 - March'20)

Technologies used: iOS, Swift

Project Description: The Raybaby app has been designed for ease of use. Behind its deceptively simple interface

Project Related Links :

- <https://apps.apple.com/us/app/raybaby/id1372024888>



Roles : Mobile architect

Responsibilities:

- Review code, project output and ensure compliance to industry best practices
- Assist the client, customers in explaining and applying enterprise solutions on mixed mobile platforms
- Perform the setup and troubleshoot applications to help fix bugs and functional issues
- Ensure suitable regularity of mobile solutions, structures and solutions architecture across multiple projects, as applicable
- Understand the client necessities, create solution requirement documents and perform the product Development and launching the mobility solution solutions.
- Direct strategy and reliability among system elements as they are advanced; identify when crossing point influences which might occur and provide an early solution to avoid issues.

Project #9

Title : **FlockTher**
Client : **Strumsoft**
Domain : **Community**
Project Type : **Development**
Team Size : **3**
Period : **1 years (feb'17 - feb'18)**

Technologies used: iOS, Objective-C, Nodejs

Database used: MongoDB

Project Description: With FlockThere, you see friends on a live map their messages on the same screen. You can message with single touch. It's a better way to get together for movies, eating out, parties, ball games, concerts--just about any social occasion. Never again ask, "Where are you? How long 'til you get here? Where are we meeting?" * Simple and easy to use * See where friends are and all their messages * Invite any friend with a mobile number or email * Initiate a meet up using just email or SMS: Once you've registered, just send a group SMS or email to friends; also works seamlessly with your calendar app Works on iPhone, iPad, iPod touch, and smartphone/PC browsers Privacy is preserved: all sessions for sharing location and exchanging group messages are temporary and every user must explicitly accept an invite. Once a session ends, location tracking is stopped. Additionally, any user has the option to stop sharing location at any moment.

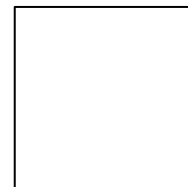
Project Related Links :

- <https://www.facebook.com/flockthere>

Roles : Mobile, Backend developer

Responsibilities:

- Evaluating technical programs.
- Developing application designs and web pages.
- Providing customer support for programs and applications.
- Training customers and staff in best practices, applications, and programs.
- Troubleshooting technical programs.
- Finding ways to increase productivity and reduce expenses.
- Learning about new products and technologies.



Project #10

Title : Mowingo
Client : Mowingo
Domain : Community
Project Type : Development
Team Size : 3
Period : 6 years (March'18 - Sep'18)

Technologies used: iOS, Objective-C, Nodejs

Database used: MongoDB

Project Description: This project is used to find all store details or restaurant details around you, we have to first register with mowingo and it will show the stores which are registered with Mowingo company.

Project Related Links :

- <https://www.gecurrent.com/ideas/partner-profile-mowingo>

Roles : Mobile, Backend developer

Responsibilities:

- Evaluating technical programs.
- Developing application designs and web pages.
- Providing customer support for programs and applications.
- Training customers and staff in best practices, applications, and programs.
- Troubleshooting technical programs.
- Finding ways to increase productivity and reduce expenses.

Learning about new products and technologies.

Project #11

Title : Verizon Messages
Client : Verizon
Domain : Messaging
Project Type : Development
Team Size : 10-15
Period : 3 years (Feb'11 - May'14)

Technologies used: iOS, Swift, Objective-C

Project Description: Messaging Client for iPhone, iPad and MAC. Imap based messaging application, where users can send multimedia and text messages. Messages will be synced over all the connected devices.

Project Related Links :

- <https://apps.apple.com/us/app/message/id621469412>

Roles : Software engineer, iOS developer



Responsibilities:

Responsibilities:

- Support the entire application lifecycle (concept, design, test, release and support)
- Produce fully functional mobile applications writing clean code
- Gather specific requirements and suggest solutions
- Write unit and UI tests to identify malfunctions
- Troubleshoot and debug to optimize performance
- Stay up-to-date with new technology trends

Project #12

Title : NFL Mobile
Client : NFL
Domain : Live Streaming, Entertainment
Project Type : Development
Team Size : 10
Period : 2 years (April'14 - May'16)

Technologies used: iOS, Swift, Objective-C

Project Description: Application which lets the users browse through the live scores, schedule and also let them watch the live stream of the matches of the National Football League.

Project Related Links :

- <https://apps.apple.com/us/app/nfl/id389781154>

Roles : Senior Software engineer, iOS developer

Responsibilities:

- Identify and plan for new features
- Develop application programming interfaces (APIs) to support mobile functionality
- Suggest and implement new mobile products, applications and protocols
- Remain up to date with the terminology, concepts and best practices for coding mobile apps
- Communicate with users to understand their needs and experiences

Project #13

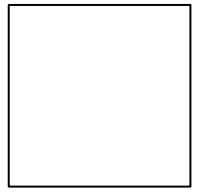
Title : Verizon Cloud
Client : Verizon
Domain : Data sync and Cloud Security
Project Type : Development
Team Size : More than 20
Period : 2 years (Oct'16 - Oct'18)

Technologies used: iOS, Swift, Objective-C

Project Description: Cloud storage for your mobile devices. Easy to backup, search and share.

Project Related Links :

- <https://apps.apple.com/us/app/verizon-cloud/id645682444>



Roles : Technical Expert

Responsibilities:

- Evaluating technical programs.
- Developing application designs and web pages.
- Providing customer support for programs and applications.
- Training customers and staff in best practices, applications, and programs.
- Troubleshooting technical programs.
- Finding ways to increase productivity and reduce expenses.
- Learning about new products and technologies.

EDUCATIONAL QUALIFICATION

- Degree: Bachelor of Technology
- Field: Electronics and communications Engineering
- Name of University with location: JNTU, Hyderabad. TG.
- Percentage: 65

OTHER DETAILS

- Date of birth: 10/02/1988
- Current address: 1505 3F 8C Chandra layout, Bangalore, 560040
- Nationality: Indian