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| A picture containing wall, person, indoor  Description automatically generated |  | Kashafunnisa bagewadi  Full stack IoT Senior Developer |AWS Certified Solution Architect Professional |
| Profile  * **AWS-Certified Solution Architect** with **1+ year** of experience. Strategized, designed and deployed innovative and secure architecture for web applications in **Healthcare** and **IoT** sectors. * Dynamic and creative **full stack IoT developer** with **5+ years** of experience in a variety of projects in different verticals like renewable energy, oil and gas and sustenance monitoring with successful deployments on **AWS**. * Passionate and creative **web/graphics designer** with **6 years** of experience.   Total Experience: **12+ years** Contact PHONE:  +91-9657965275  EMAIL:  kashafbagewadi@gmail.com  ADDRESS:  Hadapsar, PUNE-412308 CERTIFICATES AWS CSA Associate  AWS CSA Professional |  | WORK EXPERIENCETAS India Pvt Ltd - Solution Architect Jan2019 – till date  Playing significant role in designing architecture, managing AWS resources and project deployment. TAS India Pvt Ltd - Full Stack IoT Developer Aug2014 – till date  Playing a full-stack developer role in web & desktop application development. Front-end development in ReactJS & Angular, backend REST API development in NodeJS with database like PostgreSQL, MongoDB and DynamoDB for different projects. TAS India Pvt Ltd - Web/Graphics Designer Aug2008–Aug2014  Creatively designed multiple websites as per customer’s requirement. EDUCATION  |  |  |  | | --- | --- | --- | | Education | Board/University | Marks | | BCS (Bachelor in Computer Science) | Pune University | 55% | | HSC | Pune | 69.83% | | SSC | Pune | 81.33% |  **SKILLS** |

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| Links LINKED-IN:  linkedin.com/in/kashafunnisa-bagewadi-1a6a8230  YOUTUBE:  https://www.youtube Courses ONLINE:  Angular 6, Grafana, AWS Certified Solutions Architect Associate (A Cloud Guru, DolfinED), AWS Certified Solution Architect Professional (DolfinED, Stephane Marek), AWS CloudFormation, Azure Fundamental  OFFLINE:  Big data: Hadoop, Spark & Hive, C#, .Net, Web 2.0 Public Event Participants Actively attends the meetups in Pune organized by PDC (Pune Developer Community) & AWS Pune User Group.  Actively attends Online AWS events like AWS Summit, Online conference and reinvent. Extra-Curricular Activity TRAINING:   * Organizing and giving training to junior team members on different topics like AWS services, Grafana, Gitlab etc. * Running YouTube Channel to share the knowledge.  GOAL  * To explore and grasp the new technical skills. * To ensure career growth with growth of the Company.  Strength  * Attitude of proactively working on given projects or tasks. * Always takes owner ship of tasks & complete it in time successfully. * Ability to work under deadlines & targets * Ability to motivate people to bring out the best * Ability to work friendly in a team * Kind and helpful nature towards co-workers * Ability to work in group as well as independently**.** * Experience with working directly with Customer, Partner or third**-**party developer  Personal Info DOB:  02-Jun-1984  GENDER:  Female  MARITAL STATUS:  Married |  | Technical Skills:  1. **Amazon Web Services:** Hands on experience in working on different AWS Services like **AWS Lambda, API Gateway, DynamoDB, Elastic Beanstalk, EC2, S3, RDS, CloudFront, Amazon Certificate Manager, Route53, VPC, ELB, EBS, CloudWatch, CloudFormation, SNS, SES, IAM, KMS, Cognito, Amazon Machine Learning** and **Amazon** **Alexa.** 2. **Web Technologies:** Worked on **NodeJS, ReactJS, Angular, AngularJS, REST APIs**, **JOSN, AJAX, HTML5, CSS3 and JavaScript** etc. 3. **Database:** Worked on DBs like **PostgreSQL,** **MySQL,** **MongoDB & DynamoDB.** 4. **Payment Gateway:** Implemented **Razorpay** payment gateway to accept doctor’s consultancy fees (In INR and International currency) in Telemedicine app. 5. **Serverless Architecture:** With **AWS Lambda, AWS API Gateway and DynamoDB.** 6. **Microservices:** Worked on **AWS Lambda and API Gateway** with **NodeJS.** 7. **Git:** Maintaining team work on **Gitlab.** 8. **Postman:** Maintaining Postman collections and documents to test &share REST APIs among the team members. 9. **Grafana –** Writing custom panel plugins. 10. **Pub/Sub Protocol:** Worked on **MQTT Protocol** with **VerneMQ and Web Socket** for real time data displaying on Dashboard and storing it in Database, feed real time data as an input in **Amazon ML real time prediction**. 11. **IDE/Framework/Libraries:** Visual Studio Code, Sublime, Node Express, AWS SDK for NodeJS and Python, AWS management Console, AWS CLI, HighCharts, D3, Anaconda, Jupyter notebook, Scikit Learn, numPy, Pandas etc. 12. **Machine learning:** Having the knowledgeof **Python** and **R** with machine learning algorithms in **Scikit Learn.** 13. **Big Data – Hadoop, Spark and Hive:** Completed the course in Big data from MindScript – Hadapsar. 14. **Web Designing:** Worked on Graphics and Web designing technologies like **Adobe Photoshop, Corel draw, Illustrator, Flash** etc. 15. **SCADA Software:** Worked on Honeywell HMI Work Center, Iconics Genesis 64, Wonderware and Zenon SCADA Systems.  Projects Playing an Important role to build a variety of TASM2M applications in different verticals like Healthcare, Renewable Energy, Sustenance, Oil and Gas, Asset Performance monitoring and Water Treatment Plants etc. Solution Architect  1. **Curofone – Telemedicine app**   **Role:** AWS Solution Architect  **Contribution:** Designed and implemented the secure HIPPA compliant 3-tier architecture for telemedicine application.   1. **Advait Cloud – IoT based SCADA Platform on Cloud**   **Role:** AWS Solution Architect  **Contribution:** Designed and implemented the robust multi-tier architecture for IoT based SCADA platform. IoT Developer  1. **Curofone – Telemedicine app**   **Role:** Sr.Backend Developer, AWS resource Admin  **Technology/Skill:** NodeJS, PostgreSQL, MongoDB, Razorpay payment gateway, Web socket etc.  **AWS Services:** Elastic Beanstalk, RDS, S3, SNS, SES, CloudFront, CloudWatch, ACM, Route53, ALB.  **Contribution:** DB schema design**,** writing REST APIs, handlingdatabase, payment gateway and project deployment within DEV, STAGE and PROD environments.  **Project Summary:** It is telemedicine application in Healthcare sector, specially developed for **COVID-19** pandemic as social responsibility. With the help of this application patient can book online appointment to the doctor for a tele-visit (on video call). All patient records like e-prescription, lab reports and medical history are maintained by the app.   1. **Advait Cloud - IoT based SCADA Platform on Cloud**   **Role**: Sr. Backend Developer, AWS resources, Grafana & VerneMQ server manager**.**  **Technology/Skill:** NodeJS, PostgreSQL, Grafana, VerneMQ  **AWS Services:** Elastic Beanstalk, RDS, EC2, S3, SNS, SES, CloudFront, CloudWatch, ACM, Route53, ALB.  **Contribution:** DB schema design, writing APIs, writing Grafana panel plugins in ReactJS, handling MQTT clients, maintaining AWS resources and project deployment.  **Project Summary:** It is an IoT based SCADA platform. Customer can register to the application, can connect their devices, can monitor live and history data remotely, analytics and reports will get generated as per configuration.   1. **Advait Desktop – IoT based SCADA Platform on-premise**   **Role**: Frontend & Grafana plugin Developer**.**  **Technology/Skill:** ReactJS, GLG, Grafana.  **Contribution:** Developing interactive and dynamic frontend, writing custom widget plugins in ReactJS for Grafana.  **Project Summary:** It is an offline version of Advait cloud specially for the customers who don’t want to store their data on cloud.   1. **IGL (Delhi) – Advait platform**   **Role:** Frontend developer  **Technology/Skill:** Angular 8  **Contribution:** Developed web application frontend with interactive dashboards, charts, reports and alarms.   1. **Essar Oil & Gas (Raniganj, West Bengal) – IoT app**   **Role:** Sr. full stack IoT developer  **Technology/Skill:** AngularJS, NodeJS, MQTT, AWS Lambda, API Gateway, DynamoDB, S3, CloudFront, CloudWatch, SNS etc.  **Contribution:** Participated in project planning and requirement gathering. Designed DB schema. Worked on frontend as well as backend modules. Co-ordinated with site-engineers to validate sensor data. Responsible for project deployment and end-user satisfaction.   1. **Redlion Paint shop (PoC – Berlin, Germany Exhibition)**   **Role:** Full stack developer  **Technology/Skill:** AngularJS, NodeJS, Lambda, API Gateway, Alexa skill  **Contribution:** Build a custom Alexa Skill with required Intents and its various required utterances and slots. Wrote AWS Lambda code, and integrated Lambda endpoint with Alexa skill and deployment. Develop web application front & backend with live data and Alexa skill integration.     1. **Predictive maintenance (Demo – IIoT Exhibition, Pune) – ML**   **Role:** Data Scientist  **Technology/Skill:** Amazon Machine Learning, AWS Lambda and S3  **Contributions:** Build & train ML model. Applied Regression algorithms from Amazon ML, Feed real time data from MQTT Client via AWS Lambda function, called Predict API for getting the prediction, displayed real time prediction on the dashboard.  .   1. **Ujaas Energy (Kanpur, UP) – Solar IoT app**   **Role:** Full stack developer  **Technology/Skill:** AngularJS, NodeJS, AWS Lambda, S3, DynamoDB, API Gateway.  **Contribution:** Designed DB schema. Worked on frontend as well as backend modules. Co-ordinated with site-engineers to validate sensor data. Responsible for project deployment.   1. **MMP – Mahindra & Mahindra Powerol – Asset monitoring IoT app**   **Role:** Full stack developer  **Technology/Skill:** AngularJS, NodeJS, AWS Lambda, S3, DynamoDB, API Gateway.  **Contribution:** Designed DB schema. Worked on frontend as well as backend modules. Co-ordinated with site-engineers to validate sensor data. Responsible for project deployment.   1. **CARBSE – CEPT University (Gujrat) – Sustenance IoT app**   **Role:** Full stack developer  **Technology/Skill:** AngularJS, NodeJS, AWS Lambda, S3, DynamoDB, API Gateway.  **Contribution:** Designed DB schema. Worked on frontend as well as backend modules. Co-ordinated with site-engineers to validate sensor data. Responsible for project deployment.   1. **CMMS - (Computerized Maintenance Management System)**   **Role:** Sr. Backend developer  **Technology/Skill:** NodeJS, DynamoDB, Lambda, API Gateway  **Contribution:** Lead/Guided to the team for frontend as well as backend work. Understand the project requirement. Project planning and project schedule. Coordinated with the team, distributed the work, Integrated, tested and deployed the project.   1. **SEPL (Tohana, Haryana) – Solar IoT app**   **Role:** Full stack developer  **Technology/Skill:** AngularJS, NodeJS, AWS Lambda, S3, DynamoDB, API Gateway.  **Contribution:** Designed DB schema. Worked on frontend as well as backend modules. Co-ordinated with site-engineers to validate sensor data. Responsible for project deployment.   1. **Rays Power Infra (Vadodara, Gujrat) – Solar IoT app**   **Role:** Full stack developer  **Technology/Skill:** AngularJS, NodeJS, AWS Lambda, S3, DynamoDB, API Gateway.  **Contribution:** Designed DB schema. Worked on frontend as well as backend modules. Co-ordinated with site-engineers to validate sensor data. Responsible for project deployment.   1. **Aggreko (Telangana) – Asset monitoring IoT app**   **Role:** Full stack developer  **Technology/Skill:** AngularJS, NodeJS, AWS Lambda, S3, DynamoDB, API Gateway.  **Contribution:** Designed DB schema. Worked on frontend as well as backend modules. Co-ordinated with site-engineers to validate sensor data. Responsible for project deployment.   1. **Redlion Paint shop (PoC – Berlin, Germany Exhibition)**   **Role:** Full stack developer  **Technology/Skill:** AngularJS, NodeJS, Lambda, API Gateway, Alexa skill  **Contribution:** Build a custom Alexa Skill with required Intents and its various required utterances and slots. Wrote AWS Lambda code, and integrated Lambda endpoint with Alexa skill and deployment. Develop web application front & backend with live data and Alexa skill integration.     1. **Predictive maintenance (Demo – IIoT Exhibition, Pune) – ML**   **Role:** Data Scientist  **Technology/Skill:** Amazon Machine Learning, AWS Lambda and S3  **Contributions:** Build & train ML model. Applied Regression algorithms from Amazon ML, Feed real time data from MQTT Client via AWS Lambda function, called Predict API for getting the prediction, displayed real time prediction on the dashboard. Web/Graphics Designer: **Designed some graceful websites like:**   * tasind.com – HTML5, CSS3 and jQuery * tasm2m.com – WordPress, MySQL * bosekunderwaterrecovery.com – Photoshop, HTML, CSS and JavaScript * tmpgroupusa.com - Photoshop, HTML, CSS and JavaScript * montrolautomation.com - Photoshop, HTML, CSS and JavaScript   **SCADA Graphics, Logo and brochure designing:**   * Designed TAS India Pvt Ltd Logo, TASM2M logos for all verticals like Solar, Asset, Oil and Gas, and Sustenance etc. Designed some brochures for company use. * Worked on SCADA Projects like: * YANSAB – Honeywell HMI Display Builder * Shell Motiva – GUS Display Builder * Petro Rabigh – Microsoft Visio * KPPC - Honeywell HMI Display Builder * Daleel Petroleum LLC – Iconics Genesis 64 * SFK – Wonderware * Essar – Zenon  Declaration I here declare that above information provided by me is accurate and true as per my knowledge. |