Contact

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www.linkedin.com/in/
manoharreddyporeddy (LinkedIn)
stackoverflow.com/users/984471/
manohar-poreddy (Other)
github.com/manoharreddyporeddy
(Other)
manoharreddyporeddy.github.io/
(Personal)

Top Skills

Engineering Management
Software Architecture
Competitive Programming

Languages

Telugu (Native or Bilingual)
English (Full Professional)
Hindi (Full Professional)

Certifications

Artificial Intelligence Foundations:
Neural Networks
Developer Open (Scrum)
Assessment
Scrum Open Assessment
Programming Foundations: Object-
Oriented Design
Artificial Intelligence Foundations:
Thinking Machines

Honors-Awards

World Top 100 rank in Algorithms
Algorithms: 99th percentile
2014 reward | Architect & Software
Technical Leadership
TOP PERFORMER reward
QUALITY & INNOVATION award

Manohar Reddy Poreddy

Software Engineer | Architect | Engineering Manager | World Top
100 Algorithms
Hyderabad

Summary

Some programming creds:
- https://www.hackerrank.com/pgmreddy
- https://leetcode.com/pgmreddy/

Total 17+ years of software experience
- Around 4+ years as Engineering Manager (Engineering & Service
Delivery)
- Around 4+ years as Engineering Architect (Application, Systems,
Solution, Cloud & Enterprise)
- All 17+ years as Software Engineer

30% Management
- Engineering Management
- Service Delivery Management

70% Coding
- Primary skills: AWS, Azure, Node.js, React.js, Angular 8,
PostgreSql, Keycloak, Rabbitmq
- Secondary skills: ASP.NET, C#, F#, Python, Java, Perl, C++14, C,
and others
- Skills Transition: Desktop > Mobile > Console (XBox) > Server >
Web Full Stack > Cross-platform Mobile Development.

Links:
-- https://manoharreddyporeddy.github.io/
-- https://stackoverflow.com/users/984471/manohar-reddy-poreddy/
-- https://leetcode.com/pgmreddy/
-- https://www.hackerrank.com/pgmreddy
-- https://www.khanacademy.org/profile/pgmreddy/

Visited: The US (have B1 visa), Europe, Australia, Asia

Experience

Algorithms Study break
Study break (COMPLETED)
July 2020 - November 2020 (5 months)
Hyderabad, Telangana, India

Immediate joinee.

The below study break is completed now.

Study break objective:
To make our customers happy, we should be able to do our best work each time we deliver to customers. We need to constantly upgrade ourselves for the same. Sometimes we find ourselves fully occupied, all the time, it's a sign that we need to upgrade our skills to be able to help others more effectively. To upgrade the skills, have planned the below goal, and after 5 months of effort achieved it in Nov 2020:

Goal: Problem-solving up to 500 questions
Date - # of problems solved: May 18 - 70, Jun 18 - 200, Jul 18 - 300, Sep 13 - 400, Nov 6 - 500
Link: https://leetcode.com/pgmreddy/

ZEN3
Senior Software Engineering Manager | Senior Service Delivery Manager
May 2019 - June 2020 (1 year 2 months)
Hyderabad, Telangana, India

Managed 7 teams with size 40
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1. Managed 4 products including Datamime.ai as Senior Software Engineering Manager

https://zen3tech.com/product/datamime/

> Product proposals, Agile development (scrum, 2-week sprints), Architecture, Design, POCs, Code, Maintenance, Dev support

2. Managed 3 managed-services as Senior Service Delivery Manager

> Service proposals/ YOY contract extensions based on RFP/SOW.

3. Common responsibilities:
> 40+ reports - People management, Appraisals, Hiring (10+ interviews/day for 5 days/month), organizing hackathons, industry conferences or expos, workplace lunches, and others.
> 100+ reports via HR connects, bench & floor management.

4. Tech stacks:
- Node.js 14.4, React.js 16.13 (Next.js), Material-UI, PostgreSQL 9 & 12, Keycloak 7 (for identity), Nginx 1.17/1.18, SSL installation, AWS (S3, EC2), EuroDNS, CI/ CD via every 3 weeks via Jenkins 2.2+.
- Node.js 14.4, Angular 8, MS SQL Server 2012, Bootstrap 4*, AWS (S3)
- AWS Marketplace API, Node.js 14.4, React.js 16.13 (Next.js), Material-UI, PostgreSQL 9 & 12, Nginx 1.17/1.18, SSL installation, AWS (S3, EC2), EuroDNS, Automated mailers via nodemailer, CI/ CD via every 3 weeks via Jenkins 2.2+.
- Node.js 14.4, Vue.js 2.16*, Android Native development*
- Several functional work assignment algorithms for Datamime product
NOTE: * means not involved deeply in those skills (ex: Bootstrap 4, Vue.js), but solved problems faced by the team.

Microsoft
Software Engineer 2
October 2018 - March 2019 (6 months)
Hyderabad Area, India

Team member on 1 team of size 10

- Involved in 1 product - Lobby Experience Depart & Arrive
https://channel9.msdn.com/Blogs/Azure-in-the-Enterprise/Building-the-Azure-Based-Microsoft-Lobby-Experience-Application-for-Global-Lobbies
- Agile development, 2-week scrum sprint, grooming, user stories, architecture/ design, code, demos & retros, POCs, maintenance, dev support
- Collaborate with US team (5), Technical guidance to the team (8), manage vendors (2)

Tech stack:
> ANGULAR 7 (Accessibility, localization, modules, common data service store, lazy load, components, services, dependency injection, templates, lifecycle hooks, models, localization, RxJS, routing, HTTP client, others)
> C#, ASP.NET, HTML 5, CSS3. Also maintain Angular 1.x

> Tools/Tech: vscode, lint, build, unit, e2e, serve
> AzureDevOps Pipelines/ CI/ CD every 3 weeks.

UST Global
Software Architect
November 2016 - September 2018 (1 year 11 months)
Hyderabad Area, India

Architect for 4 teams with size 30

CA technologies - Projects: SUPPORT.CA.COM, Tensor, DnB

Tech stack:
> Node.js, Angular.js, MongoDB NoSQL, MS SQL Server
> AWS: Lambda functions, API Gateway, API KEYS, API USAGE PLAN, KMS,
SQS, SES, SNS, ElastiCache (redis3.2.cluster)
> Azure: Azure Functions & proxies, Service Bus Topic & subscriptions
> Security: Azure service-to-service OAuth2 using Azure Active Directory,
AWS SIGNATURE & COGNITO POOL, OWASP Top 10 secure coding
guidelines
> Tools: Swagger, git SCM (release strategy, commands), linter (eslint), unit
testing (mocha & chai, jasmine), integration testing (mocha & request) & end-
to-end testing (protractor), code zip/upload to AWS lambda
DnB (https://developer.dnb.com/) usage Architect & developer

DELL technologies Projects:
Project Scorpio - Functional enablement plan 19, Enterprise level re-
architecture plan
NPCDCS (National Programme for Prevention and Control of Cancer,
Diabetes, Cardiovascular Diseases, and Stroke) – Reporting project for Govt
MyView – Gather insights from various project/effort sources - Angular 6,
Node.js, MongoDB
PSO/R2 Migration – Old programming language (PSO/R2) application to a new
programming language (C#) migration
Factory heartbeat – Angular + Bootstrap3 UI that shows the DELL factory
status
Package Delivery Processor - Node.js app for package Delivery by DELL to
customers.

InnoPark (India) Pvt. Ltd

Software Engineering Manager | Principal Software Architect
September 2014 - April 2016 (1 year 8 months)
Hyderabad Area, India

Managed 3 products teams of size 20

> Products: Nucleus (core platform including payments, server backend),
CozyServer, CozyServerConfig, CozyClient, etc.
> People management: Hiring, performance appraisals.

Tech stacks:
- Python, Payment gateway, Drupal
- node.js/express.js, google go/ golang, CouchDB

Electronic Arts (EA)
System Architect | Software Development Engineer II
June 2012 - July 2014 (2 years 2 months)
Hyderabad Area, India

Architect for 6 teams of size 60
Managed 2 teams of size 5

Projects: SimCity Mobile, Need For Speed Mobile, SimCity Free Trail, SIMS4,
Need For Speed: Most Wanted, Ultima Forever
Projects: Need For Speed: Most Wanted & Ultima Forever
Responsibilities:
> Contributed towards Go/ No-Go of notable games
> Assessed Architecture risks of Game server, deriving load strategy & plan,
developed winning prototypes & tools (XRules, Network packet player, Cloud
compete load) that saved many man days, reviewing LT results & provided
feedbacks on game server systems.

Satyam Computer Services Ltd
Senior Project Lead
December 2006 - June 2012 (5 years 7 months)
Hyderabad Area, India

Managed 4 teams with size 10

Projects
> Developed Automation framework for TCP/IP & USB communication
between Nokia Symbian Mobile OS and Windows in C++

> Maintained 20+ applications in Silverlight for Symbian, worked on WP7 & Wn8 before their release at Microsoft, some are posted on www.Microsoft.com as part of Developer SDK for Silverlight.

> Developed efficient search engine systems that would search in the large Flat file database, and build optimized databases that are website friendly.

> Reviewed a 100 K-LOC VB in less than a week to extract pricing rules from the code.

> Reviewed & documented 300 K-LOC embedded VC++ code in a week, quickly fixed 20+ bugs in 2 months, won 2 big-budget projects for the company.

Skills: C#.NET, Silverlight, embedded-VC++ VB, C++, C, Perl

Infor
Software Engineer
August 2004 - December 2006 (2 years 5 months)
Hyderabad Area, India

Team member on 1 team with size 20
Lead 2 teams with size 7

Projects:

> Technology migration of warehouse management plugin of AutoCAD from around 100 K-LOC FORTE an extinct language to C++ by leading a team of 4, in 4 months which was half the estimated time.

> Maintained 10+ year old ERP product, and SOA Windows Mobile product with java server & central DB, POC to onsite team and developed UI, Sync & OLEDB modules.

> Maintained 7 M-LOC ERP product module, first among 20 engineers to support product by learning the functionality and technical aspects of product post KT by IBM.

> Received award for invaluable Software Engineering & Innovation

> Skills: C++, C#.NET, VC++.NET, VB.NET, VC++, C

Globarena Technologies Pvt. Ltd.
Senior Software Engineer
August 2002 - August 2004 (2 years 1 month)

Hyderabad Area, India

Team member on 5 products parallelly

Software Engineer, Software Developer, Software Maintainer, Ethical Hacker, Software Security, Ethical hacker

Responsibilities as Senior Software Engineer

- Developed many tools & plugins.
- Maintained many products in VC++ MFC & Win32.
- Conducted Security audits for products of the company.

Software Engineer, Software Developer, Software Maintainer, Ethical Hacker, Software Security
R & D – Inventor/ Ethical hacker

Responsibilities as Software Engineer

- Cracked company's critical banking product password in 40 minutes, to improve security of the product, and had been declared as Ethical hacker for the company.
- Conducted Security audits for products of the company.
- Developed many tools & plugins,
- Maintained many products in VC++ MFC & Win32.

Aug 2002 - Jan 2003

Software Engineer, Software Developer, Software Maintainer, Ethical Hacker, Software Security

Responsibilities as Software Engineer, from 1st Aug 2002

. Invented DisplayShield, an anti-screen capture product, and an IP to be patented
. Lead the Security Audits for apps: Cracked many other company revenue generating products in multiple phases to improve product security.
. Maintained many products in VC++ MFC & Win32.

VC++, Assembly

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Education

Aurora's PG College
Master of Computer Applications (M.C.A.), Computer Science · (1999 - 2002)

Chaitanya Degree & P.G. College
Bachelor of Science, Computer Science · (1996 - 1999)

GAUTAMI Junior College
Intermediate (M.P.C.), Mathematics · (1994 - 1996)

WCPS
Central Board of Secondary Education, Mathematics · (1984 - 1994)