Sirisha PV

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Summary

Engineering Manager with 9+ yrs of experience in full stack development with a strong record of building an efficient team. Proficient in handling architectural changes. Following Agile methodology and polishing code quality of the team. Empowering the team driven by the values of growth, diversity and balance.

Skills

Engineering Management • Team Leadership • Fullstack Development • Interpersonal Communication • Cross & Non-Functional Requirements • Code Review • Agile Methodologies • Amazon Web Services (AWS) • Software Architecture • Technical Presentations • Microservices • SaaS • People Management • Prompt Engineering • AI studio • Chatbots

Projects

AI first EdTech platform : Teachers generate and publish topics, students read these topics, raise queries through chatbot and take multiple mock tests. Students can summarise their overall performance in a topic based on mock test results. [Google Notebook LM, AI Studio, Gen AI, AI Agents, Gemini, RAG]

old projects: https://github.com/sirishasamudrala5

Experience

Engineering Manager | Modern Spaaces | Feb 2025 - Present

- Responsible for System design and strategy planning
- Working with cross functional stakeholders in the construction workflow
- Built CRM dashboard and relevant internal tools
- Responsible for delivering Microsites and mobile apps
- Building Tech-pods to improve efficiency
- People management and mentoring
- Actively aided Technical Hiring

CoFounder | Karyah | Nov 2023 - Feb 2025

- Designed and developed the MVP of a prop-Tech SAAS suite
- Involved in strategising GTM plan
- Built branding websites for two clients

Associate Engineering Manager | Tata 1mg | Apr 2023 - Nov 2023

- Seamless transactional data flow into SAP and other BI tools.
- Collaborate with cross-functional teams to ensure data integrity and availability.
- Reconciliation of vendor payments
- Building a consolidated Financial data management system
- Delegation of duties focusing on deliverables
- Responsible for defining KPIs
- Actively aided Technical Hiring

Technical Lead | HealthPlix | Aug 2021 - Apr 2023

- Successfully initiated, designed and executing the core product revamp with cutting edge tech [Micro FrontEnds + Micro Services]
- Responsible for weekly releases, DB operation requests, Sprint planning, Resource management
- Successfully delivered new features to improve user experience and reduce the consultation time [OCR, prescription in SMS, Knowledge repo, ML based smart suggestions for diagnosis and medicine prescription]
- Mentoring Engineering team to up-skill in Go, Python, Typescript, ORMs, micro-front-ends, storybooks UI, TailwindCSS, NodeJs
- Successfully designed, executed and delivered doctor referral program which increased lead generation & a multi platform desktop application to increase the throughput of users with limited internet facility
- Complete project ownership whilst handling the team of FE and BE engineers and devOps following Agile Methodologies
- Perform code reviews to improve code quality and logical thinking of team
- Organised team building activities and brown bag sessions to boost our work culture
- Crafted Internship programs
- Actively aided Technical Hiring

Senior Software Engineer | Justdial | May 2021 - Aug 2021

- Developed POCs in Next.js, Leaflet.js & MongoDB
- Worked in Hotels vertical

Senior Software Engineer II | HashedIn by Deloitte | May 2019 - May 2021

- Grabbed the onsite work opportunity with one of our biggest clients - Honeywell, migrated Safety Suite Product code from React15 to React16
- Built a mobile application [in React Native, NodeJs, Loopback3 & PostgreSQL], provided a plugin [in .NetCore] for our client - Adecco
- Built a multi-tenant web application [in Python, Okta (SSO), Casbin, FastAPI, React.js, TypeScript.js, GMaps] for our Australian client - Render Networks
- Actively aided technical hiring, team bonding activities and in-house training program called HashedIn university to train and mentor newly onboarded & junior developers

Software Engineer | Inspirisys Solutions | Dec 2018 - Feb 2019

- Independently built a chatbot management dashboard [in React.js, NodeJs, Python & PostgreSQL, GraphQL, MongoDB to feed/train a chatbot]
- Improved the dialog flow functionality of chatbot widget
- Actively aided Technical Hiring

Application Developer | Divum Corporate Services Pvt Ltd | Jun 2018 - Oct 2018

- Analysed different cloud technologies [GCP, AWS, Oracle and SAP] to suggest right one based on client's requirements
- Lead a team of two on building BE service [in Flask(Python)] for a multi-tenant SASS product
- Developed POCs on SAP IoT that connects SAPUI5 to HANA, cross platform integration [Magento with Google datastore]
- Contributed in building an open source library to generate jsonLD using Python (for param.io)

Full Stack Developer | GoBumpr-myTVS | Dec 2016 - May 2018

- Independently developed company's first internal CRM [in core PHP7, Javascript & MySQLi, HTML, CSS, jQuery, Ajax] massively moved the customer engagement activities from excel sheets to dynamic website thus saved 60% of time for customer support team & BDMs
- Built Admin panels to monitor conversion rate using Heat-maps, and other metrics
- Built complementary static websites for the garage partners in an interactive way
- Written RESTFul APIs [in GoLang] for Axle App
- Actively aided in hiring interns- Built complementary static websites for the garage partners in an interactive way
- Written RESTFul APIs [in GoLang] for Axle App
- Actively aided in hiring interns

Education

Carnegie Mellon University | PG Diploma, Data science | 2019 - 2019

Jawaharlal Nehru Technological University | B.Tech, Computer Science | 2012 - 2016

- Hosted many extra curricular activities and co curricular activities.
- Topper | Gold Medalist of CSE.
- Participated in workshops (Android , Ethical Hacking).
- Presented papers (Data Mining, Introduction to Android Operating System, Mobile cloning).

Licenses & Certifications

Prompt to Prototype - [AI] - Google

AWS ML Technical Training & Certification - Amazon Web Services (AWS)

AWS Technical Professional - Amazon Web Services (AWS)

Certified Data Scientist - Carnegie Mellon University

Udemy certified GoLang Developer - Udemy

Udemy certified gRPC [Golang| developer - Udemy