

Sai Ashish Darapureddy

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PROFESSIONAL EXPERIENCE

FullStack Engineer - VideoVerse ([Link](#)), San Francisco, California, U.S.A (Remote) Sep 2024 - Feb 2025

- Powered a **\$50M business** by building a scalable rule engine, execution management system and task automation using LLMs.
- Reduced API response time to **~300ms** for **millions of records** using MongoDB aggregations and failover strategies.
- Developed for top global clients like BCCI, IPL, JioHotstar, Sony, ZEE, Sportway, TV2, and Foxtel, etc. across **7+ countries**.
- Implemented **Datadog synthetic tests** in CI/CD using AWS Amplify with **100% seamless GitHub Actions migration**.

Contract Application Developer - SigIQ.ai ([Link](#)), Berkeley, California, U.S.A (Remote) Mar 2024 - Apr 2024

- Created “Ask an MCQ” feature for **PadhAI.ai** using LaTeX mathematical expressions and Google Bard AI (Gemini), **outperforming ChatGPT**, used by **1.75M UPSC students**, **30K+ AI-powered mock tests**, and **25M+ AI tutor interactions**.

Associate Software Engineer - Tekion Corp, Bengaluru, India Oct 2022 - Feb 2024

- Scaled Invoicing Module to **10K TPS**, reducing production issues by **95%** across **UK, US, Canada, France**, and **EU regions**.
- Built organisation wide test framework adopted by **250+ teams**, reducing bugs by **97%** at few microservices.
- Co-owned Tax Service and Service Settings module with a throughput of **15K TPS**, serving **300+ internal clients**.
- Launched features in Digital Signing Platform with **18K TPS** throughput via abstract factory, and template design patterns.

Contract Application Developer - Mint Tea Limited ([Link](#)), London, England, U.K. (Remote) Mar 2021 - Sep 2022

- Led video commerce products (e.g., **SwiftShops, Velvet Video, SwiftRobotics, UVRobots**) for **10K+ customers** globally.
- Delivered govt-backed solutions like **SearchVaccines (Brazil)** with ex-Google San Francisco/Sky London leadership.

Software Engineering Intern - LambdaTest, New Delhi, India Feb 2022 - Jun 2022

- Designed and implemented XCUI automation framework used on **real UK/US bastion iOS devices** from scratch via POC.
- Contributed to Espresso implementation and enhanced WebRTC QuickTime Player-like access across **1K+ iOS devices**.
- Supported platform growth contributing to **\$270M valuation and 2M+ customers** and got recognized on LinkedIn.

Software Engineering Intern - Paytm, New Delhi, India Aug 2021 - Oct 2021

- Co-owned frontend for Paytm Cloud Cost Optimizer, revamping **70% of the codebase** via insights from **10** technical internship
- Received direct appreciation from **SVP of Engineering** and leads for **100% revamp** of various modules using my architecture.

EDUCATION

Maharaja Surajmal Institute Of Technology, GGSIPU, *Bachelor of Technology, Computer Science and Engineering*

- **CGPA:** 9.575
- **Graduated:** Jul 2022

PROJECTS

FeetAtHome ([Link](#)) - Won- Microsoft GirlsScript, Avensis, and MLH MapMyIndia Hackathons, using Azure sentiment analysis.

LeetCode2.0 ([Link](#)) - Contains pattern based sheets covering 1K+ solutions and PDFs for DSA and system design.

Microsoft Teams V2 ([Link](#)) - Shortlisted for the Global Teams Challenge 2022, featuring several improvements across teams.

Lex ([Link](#)) - Built a short deepfake video generator for advertisements using OpenAI's GenAI GPT-3, before the release of GPT-4.

NutriYou ([Link](#)) - MVP for Smart India Hackathon participation using Clarifai CNN deep learning AI models and Nutritionix.

SKILLS

- C, C++, Java, JavaScript, TypeScript, Python, Golang, SpringBoot, Django, MVC, Node.js, React.js, Nest.js, Angular, Next.js, Vue.js, Linux, DynamoDB, MongoDB, MySQL, PostgreSQL, ElasticSearch, Redis, gRPC, GraphQL, Docker, Kubernetes, JEST, Mockito, Amazon Web Services, Firebase, Azure, React Native, Apache Kafka, GCP, Problem Solving, System Design.