

# 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, **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**) 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** for better scalability.
- 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](#))** - Microsoft GirlsScript, Microsoft Avenis, MLH MapMyIndia Hackathon, (Winner - 1st Prize):

- Created a social media platform focused on fostering a positive environment for individuals facing mental health issues and domestic violence victims.

**LeetCode2.0 ([Link](#))** -

- Contains tag, pattern based sheets for DSA, frontend and backend system design for sharpening problem solving skills.

## 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.