

# Sai Ashish Darapureddy

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## PROFESSIONAL EXPERIENCE

**FullStack Engineer - VideoVerse**, New Delhi, India (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, Hotstar, 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**.

**Application Development Consultant - SigIQ.ai**, Bengaluru, Karnataka, India (Remote) Mar 2024 - Apr 2024

- Created “Ask an MCQ” feature using LaTeX mathematical expressions and in-house PadhAI system, outperforming ChatGPT, Perplexity, Gemini used by **1.75M UPSC students**, **30K+ AI-powered mock tests**, and **25M+ AI tutor interactions**.

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

- Scaled Invoicing Module to **18K TPS**, reducing production issues by **95%** across UK, US, Canada, France, and Germany.
- Built organisation wide tag based integration platform adopted by **250+ teams**, and Gitlab cobertura code coverage by **40%**.
- Co-owned Tax and Service Settings module with a throughput of **15K TPS**, serving BMW, Ford, Hyundai, & Toyota clients
- Launched features in Digital Signing Platform with **10K TPS** latency via abstract factory, and template design patterns.

**Contract Application Developer - Mint Tea Limited** ([Link](#)), New Delhi, India (Remote) Mar 2021 - Sep 2022

- Led video commerce products (e.g., SwiftShops, Velvet Video, SwiftRobotics) for **10K+ customers and influencers** globally.
- Delivered govt-backed solutions like SearchVaccines (Brazil) with ex-Google San Francisco, Sky/KFC 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**.
- Played a key role in platform expansion driving a **\$270M valuation** and global reach of **2M+ customers in 130+ countries**, **10K+ enterprise clients**, **3,000+ environments**, and **1.2B+ tests**, gaining LinkedIn recognition for growth and impact.

**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**, *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 with **1K+** solutions and PDFs for DSA, CN, OS concepts 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

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