Sai Ashish Darapureddy

[Portfolio](#) | [Github](#) | +91 8920125544 | saiashish7777@gmail.com | [Linkedin](#) | [Codeforces](#) | [Leetcode](#) | [AtCoder](#) | [TopCoder](#)

PROFESSIONAL EXPERIENCE

FullStack Engineer - VideoVerse, New Delhi, India (Remote)   Sep 2024 - Mar 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 - July 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.