Sai Ashish Darapureddy

Portfolio | Github | +91 8920125544 | saiashish7777@gmail.com | Linkedin | Codeforces | Leetcode | AtCoder | X | Medium

PROFESSIONAL EXPERIENCE

FullStack Engineer - Uniblox, New Delhi, India (Remote)   Nov 2024 - Present
- Enabled **100%** coverage support through census injection, adding contextual integrations, platform interpretation & IP address tracking to streamline application onboarding for enterprise platforms including ADP, Workday, & Transamerica for Synetra.
- Improved coverage, readability, traceability, & auto closing efficiency of AI driven New Relic logs by **70%** via LLM Prompts.

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 pipelines, step factory & adapter-port patterns.
- Developed for top global clients like BCCI, IPL, Hotstar, Sony, ZEE, Sportway, TV2, FIFA 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 - April 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, builder, strategy and template pattern.

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 Microsoft recognised 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 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.

SKILLS

- **Programming Languages:** C, C++, Java, Javascript, Typescript, Python, Golang, Ruby, Kotlin, Objective C, Bash, Swift, Dart
- **Libraries & Frameworks:** React, Spring, Django, Flask, Angular, Vue, Node.js, Nest, React Native, Flutter, Next.js, jQuery, Nuxt, GraphQL, LangChain, Electron, Jest, Webpack, Antd, Babel, gRPC, Express.js, Gatsby, WebRTC, Android, iOS, SwiftUI
- **Databases:** MongoDB**,** PostgreSQL, MySQL, Firestore, Redis, H2, Cassandra, DynamoDB, RDS, ClickHouse, ElasticSearch
- **Tools & Technologies:** Algolia, Sentry, AWS, Azure, GCP, Prisma ORM, Lighthouse, Cypress, Playwright, SendBird, Celery, SendGrid, OpenReplay, Crashlytics, CodePush, TestFlight, App Center, Jenkins, TestNG, Docker, K8s, i18n, Ayrshare, Detox, Sumologic, SDKs, PWA, Datadog, New Relic, Husky, Stripe Webhook, Github Actions, Styled Components, Kafka, Gradle, Scrcpy, Nginx, AI Agents, Cobertura, Copilot, Notion, Twilio, Firebase Cloud Messaging Push Notification, Apex Charts, Miro, Ngrok, Bitbucket Pipelines, Jupyter Notebook, Colab, Mathpix, RecyclerView, Redux Saga, Customer.io, TTS, Grafana, LeadFeeder, OpenAI Sora, Prometheus, Jacoco, Sonatype, Sonarqube, DBDiagram, Excalidraw, Trello, Sheet.best, Clickhouse
- **Problem Solving:** Competitive Programming, Data Structures, Algorithms, System Design, LLD, HLD, Dry Run, RCA, 5Ws

EDUCATION

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

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

ACHIEVEMENTS

- Received [academic certificate](#) from Akademische Prüfstelle, German & got [recognised](#) by University of San Diego, California.
- [Acknowledged](#) by former Microsoft Bing (Bellevue, Washington, U.S.A.) [Product Owner](#) as "Great job extending Coverage 3.3 into the application link flow and enabling seamless census ingestion, clear default behaviors, and dynamic UI updates".
- Tekion Architect [recognised](#) me as "I would like to appreciate Devi Vara Sai Ashish Darapureddy for integrating integration test cases with Jenkins and Teams alert. His updates have been consistent and proactive, and his approach reflects qualities that will help him achieve many milestones in his career." I've made [14K+](#) open source contributions & added [1008 leetcode solutions](#).
- [Commended](#) by manager at Tekion via Awardco as "Great work on managing a huge stack of prod issues and integration platform changes and designing a new platform for the entire Tekion to use" along with [MongoDB](#), [Elastic](#) & [Toronto](#) members
- [Endorsed](#) by a former senior manager at Intuit (Australia & Brazil) for demonstrated capability and future success.
- [Recognized](#) in a LambdaTest LinkedIn post as "Driven to learn and reach new heights in the software world".
- [Appreciated](#) as "Paytm always values talent and innovation, and it's great to have talented people like you on the team.".
- A former software engineer from Google San Francisco, KFC & Sky, UK [recognised](#) me as "He made a significant contribution to some of the key challenges & has showcased highest standards of work with tremendous growth during his tenure".
- [Acknowledged](#) by GeeksForGeeks CEO for strong development skills and successful off-campus placement at Paytm.
- [Approached](#) by the CEO of Instahyre at their platform for a Full Stack Engineer role, recognized for potential technical skills.
- Praised by the Director of Engineering of Amazon, Group PM of Microsoft, & VP of Barclays (UK) at his GenAI UAE [startup](#).
- [Received](#) an author acquisition invite from Educative to publish an article when they were trying to release hundreds of courses.
- GitHub profile appreciated by the CEO of [AutoMQ](#) (ex-Alibaba, RocketMQ), [Camb.ai](#) & [qualified](#) for the Gitcoin Dev. Fund
- My [name](#) came up in the course of research for one of the search projects managed by Netskope.
- Received the [commendation](#) from principal software engineering manager from Microsoft, Redmond, Washington, USA.
- [Highlighted](#) on BTech college official website as "Sakshi Munjal, D D V Sai Ashish, Mayank Mani and Sarthak Srivastava won prize for making most effective use of location based components using MapMyIndia SDK/APIs and received a Car Tracker and Hoodies at HackVSIT conducted by MLH and Microsoft at [VIPS](#). It was a 24 hrs long hackathon held between 31st Jan and 1st Feb of 2020. Sakshi Munjal, D D V Sai Ashish, and Mayank Mani won 1st prize of Rs 15000 in GirlScript Hackathon powered by MS held in DTU on 20/10/19", recognised for high school academics at [Andhra Association](#) & [Tygaraj Complex](#)
- Won onsite hackathons: 48hr DTU Microsoft [GirlsScript](#), 36 hr Microsoft, Coding Ninjas [Avensis](#), & 24hr MLH [MapMyIndia](#).
- Recognised by [IE Business School](#), [University of Deusto](#) (Spain) graduates, [100x.vc Inc42 startup](#) & [DU Express founder](#).
- Achieved All India Rank (AIR) [97](#) in Div3, AIR [166](#) in Div2, global ranks of [482](#), [577](#), & reaching [Expert](#) rating on Codeforces
- Secured global rank of [6](#) / 12k, AIR of [2](#), [4](#), [5](#), [6](#) & [8](#) at AtCoder contests & received an [invitation](#) for Shinjuku, Tokyo, Japan.

PROJECTS

- **LeetCode2.0** ([Link](#)) **-** Contains pattern based sheets with **1K+** solutions & 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.
- **NutriYou** ([Link](#)) **-** MVP for Smart India Hackathon participation using Clarifai CNN deep learning AI models and Nutritionix.
- **Camb.ai Multi Tenant Redis Store** ([Link](#)) - Built with k8s, FastAPI, & Huey, the startup was officially recognised by Google.
- **Sprinto Policies Platform** ([Link](#)) **-** Engineered the data model using React, Docker, Webpack, MongoDB, SQL & Spring Boot
- **Atlas Analytics Automation** ([Link](#)) **-** Automated HLD Low Code tools via Make, WeWeb, Airtable, Xano DB & FlutterFlow.
- **Video Flip Editor** ([Link](#)) - Replicates the intuitive Mac screen recording experience with real-time cropping and previewing.
- **Youtube Crawler** ([Link](#)) - Server fetches the latest videos from the YouTube API every 10s for a predefined search query.
- **Mercor $100B Jobs** ([Link](#)) - Full-stack app from scratch to help one decide whom to hire using the LinkedIn post reactions.
- **Amazon PWA** ([Link](#)) - Responsive Angular PWA integrated with MongoDB Atlas database, Ngrx & Spring Boot backend.
- **InstaGo** ([Link](#)) - Built using using React Native, Golang, Axios, PostgreSQL, Docker, Amazon RDS, Docker & Ngrok tunnel
- **CRED Stack, Splash Mock, Razorpay Google OAuth, LinkedIn GraphQL & NPMP** ([Link1](#), [Link2](#), [Link3](#), [Link4](#), [Link5](#))

PUBLICATIONS

- **FeetAtHome** ([Link](#)) **-** Social media platform focused on providing a healthy community to people suffering from mental health.
- **Lex** ([Link](#)) **-** Short deepfake video generator via text for advertisements using OpenAI's GPT-3, before the release of GPT-4.
- **Path Finding Algorithms** ([Link](#)) **-** Published by IEMIS based on A* Search, Greedy Best First Search, Dijkstra, BFS & DFS.