

Sai Ashish Darapureddy

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WORK EXPERIENCE

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

- Built a rule engine, the backbone of a \$50M business, automating manual tasks like highlight generation via LLMs.
- Developed a streamlined rule engine and execution management system, achieving an average API response time of 300ms for millions of records and complex operations by leveraging MongoDB advanced aggregation pipelines.
- Enhanced the Magnifi and Illusto products by integrating legacy features, optimizing functionality for global clients like BCCI, IPL, JioHotstar, TV2, ZEE, Foxtel, Sportway, and Sony across the US, UK, France, Canada, and Israel.
- Implemented Datadog Synthetic Integration Tests CI/CD via AWS Amplify and AWS SNS across all environments

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

- Built the **Ask an MCQ** feature for a GenAI-powered India's leading UPSC platform, outperforming ChatGPT.

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

- Owned Tekion's fixed-ops Service Team Invoicing Module, reducing production issues by **95%**. Refactored the module using abstract factory and template design patterns, diminishing production issues from **100+** to fewer than **3** per week (unrelated to code flow bugs). Rolled out the feature incrementally across all customers, spanning various projects and versions in the UK, France, US, and Canada. Scaled the microservice to **10K** transactions per second (TPS). The invoicing module, part of Tekion Corp's highest-revenue-generating service team, contributes significantly to Tekion's revenue, which supports its **\$4B+** valuation with approximately **\$40M+**.
- Implemented Tekion's organization-wide Tag-Based Integration Test Framework, including UI and backend architecture, across all modules (web, mobile, and backend), projects, and departments. The framework integrates with JIRA IDs and custom tags, minimizing production issues by **97%** across various microservices and supporting Tekion Corp's efficiency goals. Automated test execution for each master branch build and periodic runs. Collaborated with **10+** internal teams to ensure the framework's broad applicability, now utilized by **250+** teams. Earned commendation from senior architects leading to more than **60%** increase in efficiency at few microservices.
- Co-owned Tax Service Module used by **300+** internal clients. Built features in Digital Signing Platform(including Route One Integration), GraphQL, gRPC integration, GitLab CI/CD pipelines and Parts Module.

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

- Implemented the XCUI automation framework by designing both low-level and high-level architecture via BrowserStack App Automate. Featured in a LambdaTest LinkedIn appreciation post for my skills. The framework supports LambdaTest's success, contributing to its **\$270M** valuation and **2M+** customers.
- Worked on the Espresso framework implementation and sharding, achieving a **30%** increase in test execution speed.

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

- Co-owned the frontend module of **Paytm Optimizer**, a cloud cost optimization tool that provides insights into cloud infrastructure and associated costs. Revamped the module by **70%** to handle complex operations and high load. Received appreciation from the Senior Vice President of Engineering and various leads for outstanding work.

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

- Partnered with a UK-based organization on E-commerce solutions, including SwiftShops (Velvet Video) for live shopping similar to PopShop Live, SwiftRobotics, and SearchVaccines, a government-backed project in Brazil.

EDUCATION

Guru Gobind Singh Indraprastha University, *Bachelor of Technology, Computer Science and Engineering*

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

PROJECTS

FeetAtHome([Link](#)) - Microsoft GirlsScript, Microsoft Avensis, MLH MapMyIndia Hackathon, (Winner - 1st Prize): Created a social media platform focused on fostering a positive environment for individuals facing mental health issues.

LeetCode2.0([Link](#)) - Contains tag-based problem solutions and sheets for DSA, frontend and backend system design.

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(AWS), Firebase, Azure, React Native, Apache Kafka, GCP.