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.
- 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 with **100% seamless GitHub Actions migration**.

Contract Application Developer - PadhAI.ai (Link), Berkeley, California, U.S.A (Remote)   Mar 2024 - Apr 2024

- Created Ask an MCQ feature using 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%**.
- Built organisation wide test framework adopted by **250+ teams**, reducing bugs by **97%**.
- 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.   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 XCUI automation framework used on **real UK/US bastion iOS devices**, recognized on LinkedIn.
- Increased test speed of Espresso framework by **30%** using sharding.
- Supported platform growth contributing to **$270M valuation and 2M+ customers**.

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

- Co-owned frontend for Paytm Optimizer, revamping **70% of the codebase** for better scalability.
- Received direct appreciation from **SVP of Engineering** and leads for **100% revamp** of the module using my code style.

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