

Pruthvi Anvesh Muga

Full Stack Engineer

Detail Oriented. Intuitive Problem Solver. Emphasis on Modularity and Scalability

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Technical Skills

Frontend JavaScript, TypeScript, React, Redux

Backend Node.js, Next.js, Nest.js, Django, GraphQL, RESTful APIs

Database PostgreSQL, MongoDB, Redis

Infrastructure AWS (EC2, S3, Lambda, CloudFront), Serverless, Docker, CI/CD

Testing Jest, Playwright, TDD

AI LLMs, LangChain, chatbots, vector databases, RAG

Work Experience

Aug 23 - Feb 25 **Full Stack Developer at PubX.**

(19 months)

- **Led end-to-end integration of modular CDN tags** for 500M+ daily impressions across 180+ countries, ensuring cross-publisher compatibility for clients like Snigel and 9gag.
- **Spearheaded development of Prebid.js RTD module (open-source)**, boosting auction capture by 30% and reducing load time by 15% via parallel resource loading.
- **Integrated AI-driven decay values** into PMAC-based exponential decay function, boosting price floor prediction accuracy by 18% and RPM (Revenue Per Mille) by 15%.
- **Built scalable analytics pipeline** (AWS Kinesis, Firehose, Athena) processing 3B daily events, enabling visibility to reduce errors by 75% through targeted fixes.

Jul 19 - Nov 22 **Product Engineer at Udaan**

(41 months)

- **Designed tamper-proof ID (TPID) system from scratch**, reducing seller disputes by 97% using React, Node.js, and Kubernetes-powered microservices for enterprise scalability.
- **Built Quality Check (QC) system from the ground up**, reducing seller dispute resolution time by 38% (from 39 hours to <24 hours) through extensive data collection and automation.
- **Implemented dynamic shipment routing in QC processes**, which cut transport costs by 20% and delivery time by 30% (from 9 to 6 days) through route optimization algorithms.
- **Developed LM Beats initiative**, introducing dynamic delivery slots that boosted on-time rates by 15% and lowered complaints by 40% using Python-driven cron jobs.

May 18 - Jul 18 **Software Engineering Intern at JS Tigers**

(3 months)

- **Developed a data visualization tool** using React.js, Node.js, and Highcharts, enabling interactive analysis of 10,000+ data points for real-time decision-making.
- **Enhanced data management** by integrating MongoDB, reducing manual data analysis time by 60% through automated filtering, sorting, and drill-down features.

Education

2014 - 2019 **B.Tech in Computer Science & MBA, IIIT Allahabad. CGPA: 8.9**

- **Research Contribution:** Significantly contributed to a novel Multi-Secret Image Sharing (MSS) scheme published in **Springer's** *Multimedia Tools and Applications* journal. The paper introduces a collusion-resistant algorithm for secure key sharing, addressing vulnerabilities in existing techniques. [Read the paper.](#)
- **Library Management System:** Developed a college web portal allowing students to check and book availability, with staff having super-user privileges in the database. Handled UI design and full-stack development using Django, React, and MySQL.
- **Perplexus:** Built the backend, frontend, and live leaderboard for a college cultural fest event featuring cryptic questions. Technologies used: Node.js, React, and MySQL.
- **Spojtool:** Created an analysis tool for tracking programmers on the SPOJ platform.

About Me

I'm fueled by an unwavering passion to effect positive change in the world. Committed to continuous growth, I firmly believe that with tenacity, no challenge is too great to overcome. I cherish workplaces that foster learning, promote open-mindedness, and cultivate creativity.