

Venkata Lokesh Pamujula

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EDUCATION

RMK Engineering College

Bachelor of Engineering in Computer Science — CGPA : 9.38

Tamil Nadu, IN

Aug. 2020 – Jun 2024

Narayana Junior College

Board of Intermediate Education — CGPA : 9.8

Andhra Pradesh, IN

Jun. 2018 – May 2020

EXPERIENCE

Tata Consultancy Services (TCS)

Apr 2025 – Present

Systems Engineer

- Completed hands-on training in Java, Spring Boot, and SQL with a focus on building scalable backend systems
- Designed and developed RESTful APIs using Spring Boot to support high-performance and reliable applications
- Worked with Adobe Workfront and Workfront Fusion to design and implement workflow automations, improving process efficiency and reducing manual effort
- Built and integrated automation pipelines connecting multiple services, ensuring seamless data flow across systems
- Optimized backend services by replacing third-party dependencies with in-house solutions, improving performance and reducing costs
- Collaborated with cross-functional teams to test, debug, and enhance application performance across the stack
- Followed Agile practices including sprint planning, daily standups, and iterative improvements

Codedale

Jan 2025 – Mar 2025

Founding Engineer

- Designed and developed scalable web and mobile applications using Next.js, React, and Node.js
- Built and integrated RESTful APIs and backend services to support a financial services platform handling loan lifecycle processes
- Architected modular backend components and microservices for KYC, credit scoring, and approval workflows
- Worked closely with product and design teams to deliver high-quality, user-centric features
- Implemented secure data handling and optimized database queries using PostgreSQL and Drizzle ORM
- Contributed to system design discussions, improving scalability and maintainability of applications

PROJECTS

TFS - Mobile Application | *React Native, Next.js, Typescript, Drizzle, PostgreSQL*

Jan 2025 – Mar 2025

- Developed a scalable full-stack financial platform handling end-to-end loan processing
- Designed RESTful APIs and backend services using Next.js and Drizzle ORM for seamless data flow
- Implemented role-based access systems and real-time tracking features for agent performance
- Optimized database schema design and queries in PostgreSQL to ensure data integrity and performance
- Built mobile and web interfaces with React Native and Next.js, ensuring smooth cross-platform experience
- Ensured secure and maintainable code with proper validation, error handling, and modular architecture

ACHIEVEMENTS & CERTIFICATIONS

- Solved complex coding challenges, earning a LeetCode rating of 1601
- Wipro Talentnext Course completion on Java
- Collaborated with Telugu Tech Influencers to deliver products under tight deadlines.
- Completed Python (Elite + Gold) and Java (Elite + Silver) certifications from NPTEL.

TECHNICAL SKILLS

Languages: C/C++, Java, Python, SQL (Postgres), JavaScript, HTML/CSS

Frameworks: React, Node.js, Express.js, Next.js, WordPress, Material-UI, FastAPI

Backend & Architecture: RESTful APIs, Microservices, System Design, Backend Development

Developer Tools: Git, Docker, VS Code, Redis, AWS(EC2, S3), Websockets, Prisma, Hono, Photoshop