MOPIDEVI GOPI VENKAIAH

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EDUCATION

Bachelor of technology in Computer Science and Engineering
2022 – 2026
Kalasalingam Academy of Research and Education
Srivilliputtur, Tamil Nadu, India
- CGPA: 8.3/10

SKILLS

Technical skills
- **Languages & Frameworks:** Java, Python,Data Structure and Algorithms,DBMS.
- **Databases:** SQL
- **Cloud Platforms:** AWS (EC2, S3, VPC)
- **DevOps Tools:** Docker, GitHub Actions, Jenkins
- **Development Tools:** Git, JIRA, Postman, VS Code, IntelliJ
- **Practices:** Agile/Scrum, Test-Driven Development, RESTful APIs,software architecture.
- **Soft Skills:** Problem-solving, stakeholder communication, sprint planning

PROFESSIONAL EXPERIENCE

Full Stack Web Development Intern , Teachnook
03/2024 – 09/2024
Remote, India
- Effectively collaborated with cross-functional teams to address complex technical challenges and deliver high-quality solutions.
- Developed a responsive website providing detailed information on historical places, ensuring an intuitive and engaging user experience.
- Applied strong analytical and problem-solving skills to overcome project challenges and optimize system performance.

PROJECTS

Course Management System
- Built a modular Course Management System using Java, Spring Boot, and MySQL, supporting multiple user roles with 10+ RESTful APIs.
- Deployed on AWS EC2 with Postman-tested endpoints, following Agile practices and using Git for version control.

Online Banking Portal Using Java
- Developed a secure online banking portal in Java using Spring Boot and MySQL, implementing AES encryption for login security (100% encryption).
- Integrated real-time locker availability and transaction history features, enhancing customer experience (95% user satisfaction).
- Enabled fund transfers, bill payments, and card management through REST APIs (90% API reliability).
- Implemented server-side and client-side validations to ensure secure customer credentials (98% login success rate).

Data Processing and Analysis Pipeline
- Developed a data pipeline using Python and SQL to process and analyze customer transaction data.
- Automated daily data ingestion and transformations, ensuring 99% data accuracy.
- Created reusable scripts for querying and data validation, improving efficiency by 15%.

CERTIFICATIONS

- Java Full Stack Development- Wipro
- Data Structures and Algorithms using Java - NPTEL
- Azure Data Fundamentals - Microsoft

ACHIEVEMENTS

- Solved 200+ Coding Problems in Greeks for Greeks and Leetcode.
- Successfully completed the WIPRO certification in Java Full Stack, which included 5 months of training (May 2023 - Sep 2023), and passed the certification exam.