

SOMIREDDY DHANUNJAYA

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🌐 LinkedIn | 🐙 GitHub | 📁 Portfolio

PROFESSIONAL SUMMARY

MCA student with hands-on experience in full-stack software development and data processing. Skilled in building scalable web applications using Java, Spring Boot, Hibernate, and React.js, as well as automating workflows with Python. Experienced in working with databases, creating secure REST APIs, and deploying applications on AWS cloud infrastructure. Quick learner with a passion for solving real-world problems through technology.

EDUCATION

Master of Computer Applications (MCA) <i>Raja Bahadur Venkata Rama Reddy Institute of Technology, Hyderabad</i>	Oct 2024 – Jul 2026 CGPA: 7.7/10
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TECHNICAL SKILLS

Languages: Core Java, Python, JavaScript, SQL
Frameworks: Spring Boot, Hibernate (JPA), React.js, FastAPI
Databases: MySQL, PostgreSQL
Cloud & Tools: AWS (S3, RDS, Elastic Beanstalk, CloudFront), Git, Maven, Postman
Data & Analysis: Pandas, NumPy, Excel, Data Processing, Basic Statistics

PROFESSIONAL EXPERIENCE

Associate Trainee Intern <i>Spectropy Edutech Pvt. Ltd.</i> <ul style="list-style-type: none">Developed and optimized backend applications using Java Spring Boot and Hibernate, improving system performance by 20% through efficient code design and database query optimizationAutomated manual data processing tasks using Python (Pandas, OS), reducing processing time by 30% and eliminating human errors in data transformation workflowsWrote comprehensive unit tests using JUnit and Mockito, increasing test coverage from 55% to 92% and reducing production bugs by 40%Worked on multiple LMS/CMS deployments, handling code reviews, technical documentation, debugging, and integration tasksAwarded Best Intern FY 2024–25 for outstanding technical contributions and improvements in team productivity	Jun 2024 – May 2025 <i>Hyderabad, India</i>
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PROJECTS

Automated Code Review System | *Spring Boot, React.js, MySQL, AWS* | 🐙 GitHub

- Built a production-ready full-stack web application to automate code quality analysis using Spring Boot backend with Hibernate and React.js frontend
- Implemented JWT-based authentication, RESTful APIs for code submission and analysis, and MySQL database schema for storing review results
- Deployed on AWS cloud: frontend on S3 with CloudFront CDN, backend on Elastic Beanstalk, and database on RDS Aurora for high availability

Fraud Detection System | *Python, FastAPI, PostgreSQL* | 🐙 GitHub

- Developed an end-to-end system to detect anomalous financial transactions using Python, FastAPI framework, and PostgreSQL database
- Applied machine learning (Isolation Forest) and integrated Explainable AI (SHAP) for transparent fraud pattern detection
- Built secure RESTful APIs with authentication, audit logging, and data validation for compliance requirements

CERTIFICATIONS & ACHIEVEMENTS

Java Full Stack Development – EduBridge Learning (NSDC) – Grade: A (86%) – Sep 2025
JPMorgan Chase Software Engineering Virtual Experience – Forage
Top 5% Performer – #T20DSACHallenge – AlgoUniversity – Jan 2025
Best Intern FY 2024–25 – Spectropy Edutech Pvt. Ltd.