

NELAKOTI SIVA

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PROFILE SUMMARY

Java Full Stack Developer with hands-on experience building web applications using Core Java, Spring Boot, RESTful APIs, and frontend technologies including JavaScript and React.js. Strong knowledge of OOP principles, Collections Framework, exception handling, and basic multithreading. Experienced in debugging applications, fixing defects, and supporting deployed applications in Agile environments. Proficient in API integration, JSON data exchange, database transactions, and version control workflows with focus on root cause analysis and reliable solutions.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering	2021 – 2025
Sree Vidyanikethan Engineering College, Tirupati	CGPA: 7.85
Intermediate	2019 – 2021
Narayana Junior College, Pulivendula	CGPA: 8.2
SSC	2018 – 2019
Niveditha Vidyashala High School, Pulivendula	CGPA: 9.8

TECHNICAL SKILLS

Programming Languages: Java, JavaScript, HTML5, CSS3, SQL

Frontend Technologies: React.js, Bootstrap, Responsive Web Design

Backend Technologies: Core Java, OOPs, Collections Framework, Multithreading, JDBC, Servlets, JSP, Spring, Spring Boot, RESTful APIs, MVC Architecture

Database & ORM: MySQL, Hibernate, JPA

Web & API Technologies: HTTP/HTTPS, JSON, API Integration, Session-based Authentication

Tools & Platforms: Git, GitHub, Maven, Postman, VS Code, Eclipse, Spring Tool Suite (STS), MySQL Server

INTERNSHIP

Java Full Stack Development Intern – Pentagon Space Jun 2025 – Jan 2026

- Developed RESTful backend services using Spring Boot and resolved application errors through debugging and log analysis.
- Identified functional defects and validated fixes through testing cycles ensuring application stability.
- Implemented database operations and maintained transactional consistency using MySQL.
- Collaborated in Agile sprints, Git workflows, and basic deployment activities.
- Integrated frontend interfaces with backend APIs using JSON-based communication.

PROJECTS

TripEase – Java-Based Travel Booking Web Application Code Nov 2025 – Jan 2026

- Designed and developed a booking platform using Java, Servlets, JDBC, and MySQL following MVC architecture.
- Implemented service workflows and handled module communication using JSON data exchange.
- Debugged booking failures and validation issues improving reliability of booking operations.
- Developed admin dashboard to monitor users, transactions, and inventory updates.
- Deployed application on Apache Tomcat and performed testing and defect resolution.

SkyTrust Bank – Java Online Banking Application Code Sep 2025 – Nov 2025

- Implemented banking operations including authentication, deposits, withdrawals, and fund transfers using Java backend services.
- Maintained ACID-compliant transactions and handled exceptions to ensure data integrity.
- Analyzed logical defects and applied permanent fixes improving transaction reliability.
- Optimized SQL queries for better database performance and faster response time.
- Developed user dashboard and integrated backend modules with frontend pages.

COURSES & CERTIFICATIONS

IBM SQL

- Learned SQL fundamentals: queries, joins, filtering, grouping, and subqueries.
- Gained hands-on experience in extracting and manipulating data from real databases.