Nelakoti Siva

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Profile Summary

Motivated Software Developer with strong skills in Java, full-stack development. Experienced in building AI and web-based applications, including skin cancer classification and sentiment analysis systems. Currently advancing expertise through Java Full Stack training at Pentagon Space and developing practical projects using Python, web technologies, and databases.

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 (Core Java, OOP, Java 8 – Streams, Lambdas)
Backend Technologies: Servlets, JDBC, Spring Boot(Basics), REST APIs(Basics), Maven
Databases: SQL, MySQL
Frontend Technologies: HTML5, CSS3, JavaScript, React.js, Bootstrap
Frameworks & Libraries: Spring MVC, Hibernate (Basics)
Tools & Platforms: Git, GitHub, Apache Tomcat, Eclipse, VS Code, MySQL Workbench

Internship

Java Full Stack Development (Pentagon Space) Jun 2025 – Present

- Training in Java Full Stack Development with a focus on designing and developing end-to-end web applications.
- Built RESTful APIs using Java and Spring Boot with solid backend logic and service integration.
- Developing responsive and user-friendly interfaces using HTML, CSS, JavaScript, and React.
- Working with MySQL for schema design, writing optimized queries, and managing application data.
- Gaining practical exposure to Agile methodologies, Git/GitHub version control, and debugging full-stack applications.

Projects

TripEase – Full Stack Travel Booking Web Application Project Link

- Developed a full-stack Java travel booking web application integrating flights, hotels, cabs, restaurants, tourist places, and tour packages.
- Implemented MVC architecture using Java Servlets, JSP, JDBC, and MySQL for clean separation of concerns.
- Built secure user authentication, session management, and role-based access control.
- Designed responsive user interfaces using HTML, CSS, and Bootstrap.
- Deployed and tested the application on Apache Tomcat.

SkyTrust Bank – Online Banking Web Application Project Link

- Developed a secure online banking web application using Java, JSP, Servlets, JDBC, and MySQL.
- Implemented core banking functionalities including user authentication, deposit, withdrawal, balance inquiry, and fund transfer.
- Ensured data consistency and secure fund transfers using ACID-compliant database transaction management.
- Built modular backend logic with input validation, exception handling, and balance management.
- Designed responsive JSP-based dashboards for user profile management and transaction history.

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.

IBM Python for Data Science

- Practiced Python basics: data types, functions, loops.
- Performed data analysis and visualization tasks for real-world datasets.