

# NELAKOTI SIVA

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## PROFILE SUMMARY

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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

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

## TECHNICAL SKILLS

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**Languages:** Java, JavaScript

**Backend:** Java Servlets, JDBC, Spring Boot (Basics), Spring MVC, REST APIs, Maven

**Frontend:** HTML5, CSS3, JavaScript, React.js, Bootstrap

**Database:** SQL, MySQL

**Frameworks:** Spring MVC, Hibernate (Basics)

**Tools:** Git, GitHub, Apache Tomcat, Eclipse, Spring Tool Suite, Visual Studio Code, MySQL Workbench

## INTERNSHIP

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

- Undergoing training in Java Full Stack Development with a focus on building end-to-end web applications.
- Developing RESTful APIs using Java and Spring Boot with robust backend logic and service-layer integration.
- Designing responsive and user-friendly interfaces using HTML, CSS, JavaScript, and React.
- Working with MySQL for database schema design, optimized SQL queries, and data management.
- Gaining hands-on experience with Agile methodologies, Git/GitHub version control, debugging, and application deployment.

## PROJECTS

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**TripEase – Full Stack Travel Booking Web Application** Code Nov 2025 – Jan 2026

- Developed a full-stack Java-based travel booking web application integrating flights, hotels, cabs, restaurants, tourist places, and tour packages.
- Implemented MVC architecture using Java Servlets, JSP, JDBC, and MySQL to ensure 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 server.

**SkyTrust Bank – Online Banking Web Application** Code Sep 2025 – Nov 2025

- Developed a secure online banking web application using Java, JSP, Servlets, JDBC, and MySQL.
- Implemented core banking features including authentication, deposits, withdrawals, balance inquiry, and fund transfers.
- Ensured data consistency and secure transactions 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

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### 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.