

# H N SSS Vaisali Patchigolla

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## Professional Summary

Versatile Software Engineer with hands-on experience in **Python**, **Java/Spring Boot**, and **React**. Currently interning as a Python developer building RESTful APIs and collaborative web features. Delivered full-stack projects using both SQL and NoSQL databases and contributed to production-ready microservices. Strong in cloud fundamentals (**Microsoft Azure Certified**) and Agile team environments.

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## Technical Skills

- **Backend:** Python (Flask/Fast API), Java 17, Spring Boot, Node.js
- **Frontend:** React 18, JavaScript (ES6+), HTML5, CSS3, Bootstrap
- **Database:** MySQL, MongoDB
- **Cloud & DevOps:** Microsoft Azure Fundamentals, Git/GitHub, Postman, CI/CD basics
- **Concepts:** Data Structures & Algorithms, OOP, Software Design Principles
- **Soft Skills:** Clear communication, problem solving, time management, teamwork

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## Experience

**Software Developer Intern – Talent Smart Soft Solutions · Hyderabad**

**Jul 2025 – Present**

- **Python focus:** Designing and implementing REST APIs with Flask; integrating with front-end components.
- Built collaborative web features using HTML, CSS, JavaScript, and Python, improving usability and response times.
- Participated in Agile ceremonies, sprint planning, and peer code reviews to ensure on-schedule delivery.

**Software Engineering Intern – VTS Enterprises Pvt. Ltd.**

**Mar 2024 – Aug 2024**

- Developed RESTful microservices with **Spring Boot (Java 17)**, exposing 8+ endpoints and integrating Swagger/Open API documentation.
- Implemented CRUD operations with **Spring Data JPA** and MySQL, optimizing queries to cut response time by ~25%.

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## Key Projects

**Personal Expense Tracker – React, Spring Boot, MySQL**

- Built a secure full-stack app enabling users to track and manage expenses with JWT authentication.
- Implemented REST APIs and responsive UI.

**Academic Project Hub – Node.js, React, MongoDB, Express.js**

- Multi-user platform for sharing academic projects with secure submission and peer review.
- Integrated user authentication/authorization and real-time updates.

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## Education

**B.Tech in Information Technology – CGPA 8.7**

Swarnandhra College of Engineering & Technology, Narsapuram, Andhra Pradesh — **Aug 2024**

**Intermediate (MPC) – CGPA 9.42 · Aditya Junior College, Bhimavaram — May 2020**

**SSC – CGPA 9.8 · Aditya Public School, Bhimavaram — Apr 2018**

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## Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900) – Microsoft · 2022
- Programming Essentials in Python – Cisco Networking Academy · 2024
- Responsive Web Design – FreeCodeCamp · 2024
- Java: Mastering the Fundamentals – Scaler · 2024
- Web Developer Fundamentals – IBM Skills Build · 2024
- Career Edge – TCS ion · 2024