

VARSHITH SRIRAMOJU

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[professional portfolio website](#)



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INTERNSHIP EXPERIENCE

Full Stack Web Development Intern – Pantech Solutions:

(Mar '24- Jun '24)

- Built and deployed full-stack applications using Java, Spring Boot, Hibernate/JPA, REST APIs, React, HTML/CSS/JavaScript.
- Implemented JWT & Google OAuth security, managed MySQL and Supabase PostgreSQL, containerized with Docker, deployed on Google Cloud Platform's Cloud Run, hosted on Netlify, and used Git/GitHub following SDLC.

PROFESSIONAL SKILLS

Languages: Core Java, Python, SQL (MySQL), NoSQL(MongoDB).

Backend Development: Spring Boot 3.x, Spring MVC, Spring Security (OAuth 2.0, JWT), Spring Data JPA, Hibernate ORM, REST API.

Frontend Development: React, HTML5, CSS3, JavaScript (ES6+), Responsive Design.

Architecture & Cloud: Microservices, Google Cloud Platform (Cloud Run, App Engine, Service API's), Docker.

Testing & Quality: Selenium WebDriver, Page Object Model (POM), Cucumber (BDD), JUnit 5, TestNG.

Tools & Concepts: Git, GitHub, JIRA, Postman, DevOps, Data Structures & Algorithms.

PROJECTS

Smart Inventory Management System using Spring Boot(SIMS):

🔗 (Mar '24- Jun '24) [\(Live Demo\)](#)

- Developed a Spring Boot-based Smart Inventory Management System with secure login, centralized inventory, and modules for products, stores, sales, and purchases.
- Implemented REST APIs, CSV sales ingestion, low-stock alerts, and real-time analytics using Supabase SQL (cloud database) with JPA/Hibernate.
- Deployed the containerized backend on Google Cloud Platform(Cloud Run) and hosted the frontend on Netlify.

Tools & Technologies: Java 21, Spring Boot3.3.5, Maven 3.13, Docker, MySQL 8(localhost), Supabase PostgreSQL (Cloud), Hibernate / JPA, Spring Security (JWT), RESTful API Architecture, Google Cloud Platform(Cloud Run for backend deployment), Netlify (frontend hosting), Git, GitHub, HTML/CSS/JavaScript, React 18.3.1.

SIMS – Selenium & Cucumber-Based Automated Login Testing (BDD):

🔗 (Jul '25- Sep '25)

- For testing the above project developed an automated login flow with Selenium WebDriver and Cucumber, Page Object Model to enhance maintainability, explicit WebDriver Waits and reusable step-definition methods, JUnit TestRunner for test execution and Maven handles dependencies and test lifecycle.

Tools & Technologies: Java 23, Maven 3.9, Selenium 4.37.0(WebDriver), POM, Cucumber Java 7.0.0, Junit 4.13.2.

Full Stack Google Cloud Video Testimonial Platform :

🔗 (Mar '24- Jun '24) [\(Live Demo\)](#)

- Full-stack Video Testimonial Tool built with React (frontend) and Node.js (backend) for recording, processing, and sharing customer video testimonials.
- Integrates Google Cloud services — Google OAuth for auth, Cloud Storage for media, and serverless processing (Cloud Functions/Run); optional YouTube API for publishing.

Tools & Technologies: HTML5, CSS3, React, Google OAuth 2.0, Google Cloud Storage, google-auth-library 9.14.1, googleapis 144.0.0

EDUCATION

B.Tech | Computer Science and Engineering (AI & ML)

CGPA: 7.34/10

Vaageswari College of Engineering, affiliated to JNTUH

2021 - 2025

Intermediate

CGPA: 9.52/10

Telangana State Board of Intermediate Education (TSBIE)

2019-2021

SSC

CGPA: 9.8/10

Board of Secondary Education(BSE), Telangana State

2018-2019

CERTIFICATIONS

Coursera - IBM Full Stack Java Developer and Data Science

Forage - British Airways Data Science Job Simulation

Forage - Deloitte Data Analytics Job Simulation

TCS iON – Participated in National Qualifier Test (NQT–IT) exam, September 2024