

Shreya Anand Pandit

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SUMMARY

Full Stack Developer with 3 years of experience in building scalable, secure, and user-centric web applications. Proficient across the entire software development lifecycle, from designing intuitive frontends to developing robust backend systems and integrating with databases and third-party APIs. **Skilled in Java, Spring Boot, React, AngularJS, JavaScript, Python, SQL, and Hibernate, with practical exposure to DevOps practices, version control (Git), and CI/CD pipelines.** Strong understanding of both software and hardware integration, supported by an academic background in Electronics & Telecommunications. Known for writing clean, maintainable code, solving complex problems efficiently, and delivering impactful solutions in agile, collaborative environments. Committed to continuous learning and staying current with modern development trends and technologies.

SKILLS

- **Languages & Core Frameworks:** Java · Python · C++ · TypeScript · Java Collections · Maven
- **Backend & Microservices:** Spring Boot · Spring MVC · Spring Data JPA · J2EE · REST APIs · Hibernate · FastAPI · Flask · CRUD Operations · JSON Serialization · MVC Architecture
- **Frontend & UI:** AngularJS · React.js · Angular · AngularJS · JavaScript · HTML5 · CSS3 · Bootstrap · JSX · React Hooks (useState, useEffect) · Props & State · Styled Components · React Router · Axios · Fetch API
- **Databases & Persistence:** MySQL · PostgreSQL · SQL · DBMS · SQLite · SQLAlchemy
- **Testing & Quality:** JUnit · API Testing · Postman · E2E Testing (Cypress, Selenium, Jasmine) · React Testing Library · Pytest
- **DevOps & Version Control:** Git · GitHub · Bitbucket · CI/CD Concepts · Jira Workflow
- **Cloud & Containerization:** Docker · AWS · Kubernetes
- **Tools & Practices:** IntelliJ IDEA · VS Code · Postman · DBBeaver · Confluence · Virtualenv · pip · uvicorn · Agile/Scrum
- **Observability & Debugging:** Logging (Log4j, Python logging) · Monitoring Basics
- **Project Methodologies:** Agile · Scrum · TDD Fundamentals

WORK EXPERIENCE

Software Engineer

TietoEvry India

Pune

Apr. 2025 – Present

Backend Development:

- Designing and building scalable RESTful APIs using Java, Spring Boot, and Hibernate for **Tieto Payment Suite (TPS)** product.
- Developing secure backend services with Spring Security and JWT, ensuring data protection and authentication compliance.
- Working with microservices architecture, implementing enhancements and resolving production-level issues in collaboration with QA and DevOps teams.

Frontend Development:

- Developed responsive UI components using Angular (TypeScript), Bootstrap, and HTML/CSS, following reusable module patterns and lazy loading techniques.
- Integrated REST APIs with Angular frontend; implemented reactive forms, pagination, sorting, and custom directives for enhanced user experience.
- Worked with Tieto's Multi-Channel Platform (MCP) and JSP for platform-specific customization.
- Reduced user-reported defects significantly by proactively identifying and resolving UI/UX inconsistencies.

Other Contributions:

- Participated in Agile ceremonies (daily standups, sprint planning, retrospectives) and contributed to grooming analytics stories.
- Used tools such as Git, JIRA, SonarQube, and Jenkins for version control, issue tracking, code quality analysis, and CI/CD.
- Documented modules, resolved security issues and conducted peer code reviews.

Junior Software Engineer

TietoEvry India

Pune

Jul. 2022 – Mar. 2025

Backend Development:

- Built and maintained Java applications using Spring Boot, Spring MVC, and Spring Data JPA, with a focus on performance and scalability.
- Contributed to REST API development for core payment functionalities, ensuring consistent data delivery across services.
- Resolved application bugs and collaborated with QA for robust testing strategies and smooth deployments.

Frontend Development:

- Developed CRUD modules and dashboards using Angular (TypeScript), focusing on form validation, data binding, and modular design.
- Integrated mat-table, pagination, sorting, and reusable components to meet complex UI requirements.
- Contributed to enhancing product design, UX and user interface consistency across modules, making it WCAG compatible.

Additional Responsibilities:

- Actively worked in Scrum-based teams, practicing Agile principles in sprint-based delivery.
- Applied static code analysis using SonarQube and collaborated in setting up CI/CD pipelines using Jenkins.
- Ensured test coverage using Cypress for frontend module testing and JUnit for unit testing.

Project Intern

Nashik

AADD TECHNOLOGIES PRIVATE LIMITED

Dec. 2021 – Jan. 2022

- Worked on an industry-sponsored project focused on developing an IoT-based LPG cylinder monitoring system to detect gas leakage, measure weight, and automate refill booking.
- Gained hands-on experience in embedded systems, sensor interfacing, and real-time data monitoring.
- Successfully implemented and demonstrated a working prototype, contributing to all stages from requirement gathering to testing.

PROJECTS

Shop Management System

Dec 2024 - Feb 2025

- Developed a full-featured web application to automate shop operations including inventory, product, sales, and customer management.
- Built using Python (FastAPI) for the backend, React for the frontend, and MySQL for data persistence.

Veterinary Clinic Management System

Sept 2023 – Oct 2023

- Designed a role-based web portal for veterinary clinics, enabling admins to manage pet records and owners to view pet health reports.
- Implemented using Java, AngularJS, Hibernate, and MySQL with a focus on CRUD operations and UI design.

Spam Detection with Machine Learning

Apr 2022 - May 2022

- Built a machine learning model to classify spam emails/SMS using Naïve Bayes, SVM, and Random Forest algorithms.
- Included data preprocessing (TF-IDF, tokenization) and achieved high accuracy through model evaluation and tuning.

Technological advances in LPG Sector: LPG cylinder booking and monitoring the gas leakage

Aug 2021 - May 2022

- Engineered an IoT-based LPG monitoring system to automate gas leakage detection and cylinder booking alerts via SMS and email.
- Integrated NodeMCU, gas sensors, and the Blynk app with real-time monitoring and simulation in Proteus.

Women's Safety Device

Feb 2021 - Jun 2021

- Created a GPS and GSM-enabled wearable device that sends real-time location and emergency alerts to family and police.
- Developed using Arduino, this low-cost solution focused on enhancing women's personal safety.

EDUCATION

Bachelor of Engineering - BE, Electronics and Communications Engineering

2018 - 2022

K. K. Wagh Institute of Engineering Education and Research (SSPU Affiliated)

CGPA: 8.73, Percentage:79.76%

Honors in Artificial Intelligence and Machine Learning

Jun 2021 – Jul 2022

Savitribai Phule Pune University (SPPU)

Grade: O

HSC

Jun 2018

Nashik Cambridge School

Percentage:74.30%

CERTIFICATIONS

- Master Angular Bootcamp (Udemy)
- Programming in Modern C++ (NPTEL)
- Introduction to Artificial Intelligence (Coursera)
- Applied Accelerated Artificial Intelligence
- Introduction to Cybersecurity Tools & Cyberattacks (Coursera)
- Enhancing Soft skills and Personality (NPTEL)
- Sensors and Sensor Circuit Design (Coursera)
- Introduction to Internet of things (NPTEL)
- Machine Learning On-Ramp, Deep Learning On-Ramp, MATLAB On-Ramp
- Introduction to Virtual Reality (Coursera)

LANGUAGES

- **English:** Full professional proficiency
- **French:** Limited working proficiency
- **German:** Limited working proficiency
- **Hindi:** Native or bilingual proficiency
- **Kannada:** Limited working proficiency
- **Marathi:** Native or bilingual proficiency

SOFT SKILLS

- Problem-Solving
- Communication
- Teamwork
- Adaptability
- Proactive Learner
- Time Management