

Vinayak Gawade

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PROFESSIONAL SUMMARY

Software Engineer specializing in building robust and scalable solutions with Microservices architecture. Experienced in designing and implementing modular systems that enhance business value and performance. Strong analytical, leadership and communication skills with effectively solving complex challenges in cross-functional teams. Passionate about continuous learning, open-source projects and driving innovations in enterprise applications. Committed to ownership of projects that deliver measurable impact.

TECHNICAL SKILLS

Languages & Data	Java (8/11/17/21), C/C++, Python, SQL, HTML5, CSS3, JavaScript, TypeScript, JSON, YAML
Frameworks	Spring Boot (2.x/3.x), Hibernate, Angular (10/15/16/17)
Databases	MySQL, PostgreSQL, MongoDB
Messaging & Cloud	Apache Kafka, Apache NiFi, Data JPA, AWS S3
Rule Engine & Testing	Drools Rule Engine, JUnit 4/5, Mockito, PowerMockito, Cucumber, JMeter
VCS, DevOps	Git, GitHub (Actions), Docker, Kubernetes, Jenkins
Tools & Dependency	IntelliJ IDEA, Eclipse, VS Code, STS, Postman, pgAdmin, DBeaver, Maven

PROFESSIONAL EXPERIENCE

Software Engineer, SS&C Technologies Jan 2022–Present — *Navi Mumbai, MH*

- ▶ Developed scalable microservices using Java and Spring Boot, leveraging Drools Rule Engine for dynamic business rule management and automation.
- ▶ Integrated Apache NiFi and Kafka for robust data flows, and implemented seamless storage and retrieval using AWS S3 for high reliability and scalability.
- ▶ Improved software quality and reliability through unit testing (JUnit, Mockito), code reviews, and effective Git version control.
- ▶ Supported front-end development using Angular, resolving issues and implementing features for better user experience.
- ▶ Gained exposure to Docker and Kubernetes for containerization and deployment in environments.
- ▶ Worked in Agile teams, meeting tight deadlines while supporting continuous improvement.

Data Analyst Intern, Business Toys May 2021 — *Bengaluru, KA*

- ▶ Studied e-commerce website analytics to understand customer patterns and decision-making processes.
- ▶ Explored data visualization techniques for enhancing marketing strategies and predictive analytics.
- ▶ Gained foundational knowledge in translating raw data into actionable business insights.

Android Developer Trainee, MindScript May–Jun 2018 — *Thane, MH*

- ▶ Completed hands-on Android development training, building a student management system.
- ▶ Worked with Java for backend logic and XML for user interface design.
- ▶ Learned the basics of mobile app lifecycle and debugging real devices.

KEY PROJECTS

Jobs Internships and Courses Recommendation System.

B. E. final year – 2021-22 

Developed a Python-based recommendation system using machine learning algorithms (Content-Based, Collaborative, and Hybrid Filtering) to suggest relevant job, internship, and course opportunities. Leveraged NLP with NLTK for accurate text analysis, while collaborative filtering incorporated user feedback to improve recommendations.

Women Safety Mobile Application

B.E. SEM VII

Created an Android application that sends emergency alerts with live location to registered contacts when the phone is shaken. Integrated Firebase for real-time database, used Geolocation API for address translation, and incorporated accelerometer sensors for motion detection.

Price Comparison E-commerce Platform

B.E. SEM V

The Finder website is a website which can be used to compare prices of different products that are available on different e-commerce websites. The frontend was developed using HTML, CSS, and Bootstrap. The backend was developed with the help of PHP and MySQL.

Gesture Control Voice Command over Android Device.

Diploma final year – 2018-19 

Designed a system to assist mute people by detecting hand gestures through flex sensors connected to a microcontroller. The captured gestures were processed into commands, transmitted via Bluetooth to an Android device, and converted into voice output for effective communication.

ACHIEVEMENTS & RECOGNITION

First Runner-Up - SS&C Technologies GIDS Hackathon 2024

Jul 2024

Secured 2nd position among 40+ teams by developing innovative Document Digitization solution using Vidado (ICR) technology. Implemented template-driven architecture with Spring Boot microservices and Angular frontend, featuring one-time configuration setup for enhanced efficiency and enterprise scalability.

RESEARCH PUBLICATIONS

A Comparative Study on Gesture Control Voice Command Over Android Device.

International Journal of Modern Engineering Research (IJMER), March 2019. 

Jobs Internships and Courses Recommendation System.

Dickensian Journal, Vol. 22, Issue 6, June 2022. 

EDUCATION

Don Bosco Institute of Technology, Mumbai

2019–2022

B.E. in Information Technology, University of Mumbai

CGPA: 8.50

Government Polytechnic Mumbai

2016–2019

Diploma in Computer Engineering, Autonomous Institute

88.71%

Samata Vidya Mandir, Sakinaka

2016

S.S.C., Maharashtra State Board

91.60%

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.

Place: Thane, MH

Date: November 4, 2025

Vinayak Gawade