

# 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 and deployed scalable microservices using **Java 17+**, **Spring Boot 3.x.x**, and **Hibernate**, managing 10K+ daily transactions and automating complex business logic via **Drools Rule Engine**.
- ▶ Engineered high-performance data pipelines using **Apache NiFi and Kafka** for JSON/YAML stream processing, ensuring seamless real-time synchronization across distributed systems.
- ▶ Optimized application responsiveness through **Java multithreading** and concurrency utilities, while implementing **AWS S3** storage solutions for high data retrieval efficiency.
- ▶ Designed relational database schemas in **PostgreSQL and MySQL**, utilizing **pgAdmin and DBeaver** to craft optimized SQL queries for robust data persistence and high-priority modules.
- ▶ Maintained 90%+ code coverage by executing BDD and unit testing via **JUnit, Mockito, and Cucumber** across 1500+ cases, using **JMeter** to identify and resolve performance bottlenecks.
- ▶ Streamlined deployment cycles and environment consistency using **Docker and Kubernetes** containerization within a **Maven**-based build and continuous integration lifecycle.
- ▶ Collaborated on **Angular** front-end enhancements and led **Agile** sprint ceremonies, mentoring junior engineers on **Java fundamentals, Git/GitHub** workflows, and industry-standard clean code practices.

### Data Analyst Intern, Business Toys

May 2021 — Bengaluru, KA

- ▶ Analyzed E-commerce website metrics to identify consumer behavior patterns and support data-driven decision-making processes.
- ▶ Leveraged data visualization techniques to enhance marketing strategies, promotional offers, and predictive analytics insights.
- ▶ Gained foundational expertise in translating raw consumer data into actionable business intelligence and improved audience targeting.

### Android Developer Trainee, MindScript

May–Jun 2018 — Thane, MH

- ▶ Built functional mobile applications, including a **Music Player** and a **Student Management System**, during an intensive development program.
- ▶ Developed user interfaces using **XML** and implemented core backend application logic utilizing **Java**.
- ▶ Mastered the Android app lifecycle and debugging techniques while deploying projects on physical hardware for real-world testing.

## KEY PROJECTS

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### 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

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### 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

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### ■ 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

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### 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

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

**Place:** Thane, MH

**Date:** January 31, 2026

Vinayak Gawade