

Nihar Shettigar

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Education

Savitribai Phule Pune University, Bachelor of Engineering,
Information Technology
GPA: 8.3/10

May 2025

- **Coursework:** Machine Learning, Database Management System, Data Structures and Algorithms
- **CBSE Board**, Class XII, 84.5 %

2021

Technical Skills

- **Languages:** Java, Python, Clojure (functional programming), SQL,
- **Frameworks Tools:** Spring Boot, Node.js, PostgreSQL, Netflix Eureka, Kafka, Redis
- **Concepts:** Applied AI, DBMS, Data Structures, Algorithms, Object Oriented Programming, Full Stack Development, Microservices, Restful Apis, Time and Space Complexity Analysis
- **Development Tools:** Git, GitHub, Linux

Experience

Product Development Intern, Edgeverve Systems – Infosys Finacle Bangalore Feb 2025 – July 2025

- Drove the development of a **Composable Banking** platform, architecting modular microservices that accelerated feature rollout and improved integration speed by 30%.
- Designed and delivered the corporate **loan contract creation service**, automating deal workflows between banks and corporates and reducing setup time from hours to minutes.
- Engineered high-performance data transformation and contract validation pipelines in **Clojure**, enhancing execution efficiency and code maintainability across teams.
- **Automated the regression test suite** and integrated it into the CI/CD pipeline, executing 20+ feature sanity checks per build — cutting manual QA effort by 100% and ensuring release stability.
- **Tech stack:** Java Spring Boot, Clojure, Python, PostgreSQL

Projects

Open Copilot – Integrating your OS with AI

pikoai.tech | github.com/nihaaaar22/OpenCopilot-PikoAi

- Led a team of four to **pioneer integration of AI into the OS**, stepping into a new era of autonomous systems.
- Implemented intuitive contextual input for **high awareness** and advanced capabilities.
- Enabled contextual **natural language input**, letting users directly execute complex tasks like “**create a React project**” or “**generate a report on the Iran war.**”
- The system can autonomously browse the internet, modify files, create projects and reports, and perform data analysis.
- Empowered it with tools like **Python execution, shell command execution, web loader, file handling, and OS insights.**
- Added robust security checks to ensure the system does no harm.
- Users focus on intent while the tool handles execution — reporting a **minimum 5× productivity increase.**
- Deployed as a PyPI package, available via `pip install pikoai`.

Spring Boot Microservices Project – Distributed Library System

- Developed a robust microservices architecture using **Spring Boot** to modularize a distributed library system.
- Built two independent services: **Book-Service** and **Library-Service**, each with RESTful CRUD endpoints.
- Enabled dynamic service discovery and registration via **Eureka**, and streamlined communication using **Feign Client**.
- Configured a central **API Gateway** to route client requests, enabling load balancing and better scalability.

Open Source

- Active contributor to **DocsGPT**, privacy first open-source AI platform to ingest your docs and data to deliver cited, reliable answers
- Optimised frontend logic to cache Ai response leading to significant cost and productivity boot
- Fixed multiple bugs and refactored outdated API integrations, increasing overall responsiveness and stability.

Co-Curriculars

- **Code-o-fiesta (Rank 5):** Intra-college Leetcode-style coding and aptitude competition.
- **Ai Hackathon: Among Top 7 Winning Teams** By Rabbit Learning certificate
- **LeetCode:** Solved 170+ DSA problems. https://leetcode.com/u/nihar_sr/
- **Toastmasters International:** Best Speech Award, Best Impromptu Speech Award, Best Role Player Award.
- **Finacle Learn Certification**, Infosys Finacle
- **Google Developers Student Club**, PR lead