

Sahil Vanarse

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EDUCATION

G.H Raisoni College of Engineering and Management

Masters of Computer Applications - **CGPA: 9.48/10.00**

Pune, Maharashtra

Aug 2023 – May 2025

Vivekanand College

Bachelor of Science (Computer Science) - **CGPA: 9.03/10.00**

Kolhapur, Maharashtra

Sep 2020 – May 2023

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS

Frameworks/Technologies: FastAPI, Django, Node.js, Docker

Databases: PostgreSQL, MySQL, MongoDB

Tools: Git, GitHub, Postman, VS Code

Cloud: AWS (EC2, S3 - beginner level)

WORK EXPERIENCE

AssistifAI

April 2025 – Present

Software Development Engineer (Intern)

- Streamlined user onboarding by integrating background web crawling with Celery and Redis, improving system responsiveness and supporting asynchronous job execution.
- Implemented a Redis caching strategy to optimize backend performance, reduce database queries by 60%, and enhance API response latency by 40%.
- Designed and developed scalable RESTful APIs using FastAPI and PostgreSQL; emphasized code reusability and error handling to ensure maintainability.
- Enhanced platform reliability with structured logging, exception handling, and retry mechanisms to support observability and maintainability in production-like environments.
- Implemented real-time event-driven automation to trigger backend workflows, enhancing responsiveness and reducing manual triggers.
- Applied software configuration management practices and followed SDLC principles to ensure maintainable and high-quality solutions.
- Technologies Used:** Python, FastAPI, PostgreSQL, Node.js, React.js, Redis, Celery

PROJECTS

TokneX | Python, Django, DRF, PostgreSQL

[GitHub](#)

- Developed a peer-to-peer messaging platform with modular backend architecture.
- Optimized message workflows and validated features for low latency and seamless integration.
- Added user-friendly message operations (send, edit, delete).

CO's and PO's Mapping Matrix | Python, Flask, MySQL, JavaScript

[GitHub](#)

- Engineered a modular Flask web app for generating CO-PO mapping matrices with automated calculations and export capabilities.
- Integrated Bloom's Taxonomy and verified statistical accuracy for insights.
- Built reusable utility modules for CSV parsing and data sanitization; improved UX and reduced manual errors during imports.

ACHIEVEMENTS

- Ranked (**Top 2% performer**) – Code Vista 4.0 2024.
- Ranked (**Top 8% performer**) – Code Vista 5.0 2025.
- Delivered a live coding workshop on Flask to **150+** students under Microsoft Learn Student Club
- Solved 650+ problems on [LeetCode](#) and [GFG](#).