

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)

- Developed scalable and modular RESTful APIs using FastAPI and PostgreSQL, focusing on clean architecture and maintainability.
- Built asynchronous job pipelines with Celery and Redis to enable background processing and improve system throughput.
- Implemented real-time event-driven automation to trigger backend workflows, enhancing responsiveness and reducing manual triggers.
- Optimized backend performance by introducing Redis caching, reducing DB load by 60% and improving API latency by 40%.
- Participated in Agile development processes, contributing to feature discussions, code reviews, and product-aligned engineering 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](#).