

AMEY PATHE

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EDUCATION

Viswakarma Institute of Technology, Pune

2023 – 2026

B.Tech - Artificial Intelligence and Data Science - CGPA - 8.35

Pune, Maharashtra

Government Polytechnic, Amravati

2020 - 2023

Diploma - Informa - Percentage - 91%

Amravati, Maharashtra

EXPERIENCE

Microspectra Software Technologies Pvt. Ltd. 📁

Jun 2022 – Aug 2022

Web Developer

Khamgaon, Maharashtra

- Developed and maintained web applications using React and Next.js
- Collaborated with team members on software design and implementation
- Conducted code reviews to ensure high code quality and performance

PROJECTS

Technominds IP Solutions Pvt. Ltd. 📁 | [Next.js](#), [Firebase](#), [Vercel](#), [Google Search Console](#)

2023

- Developed and deployed a responsive website using Next.js for both frontend and backend.
- Managed SEO to optimize search engine visibility and enhance online presence.
- Integrated Firebase for database management and authentication middleware for secure user access.
- Collaborated closely with the client to ensure the website aligned with their business goals.
- Facilitated seamless data exchange by integrating APIs and backend systems for dynamic content updates.

CPU Scheduling Simulator 📁 | [Python](#), [Tkinter](#), [Matplotlib](#), [Pywinauto](#)

2022

- Developed a Python desktop application using Tkinter and Matplotlib to simulate CPU scheduling algorithms (FCFS and SJF).
- Implemented functionality to generate Gantt charts for visualizing process scheduling.
- Provided detailed metrics such as completion time, turnaround time, and waiting time, including their averages.
- Created an automated testing script using Pywinauto and Windows Toolkit to ensure application reliability and performance.

Recipe App 📁 | [Next.js](#), [Flask](#), [Google Gemini](#), [Database Procedures](#), [Views](#), [Triggers](#)

2024

- Developed a recipe application with user authentication and CRUD functionality for recipes.
- Implemented a search feature allowing users to find recipes based on available ingredients, involving complex database structures and DBMS concepts such as procedures, views, and triggers.
- Integrated a chatbot using Google Gemini with Flask to assist users in finding recipes and navigating the app.

TECHNICAL SKILLS

Languages: JavaScript, Java, Python, C++, SQL

Technologies/Frameworks: HTML5, CSS3, React, Next.js, Flask, Javascript, NodeJS, Firebase, MongoDB, MySQL, Tailwind, Bootstrap

Developer Tools: VS Code, Git, Postman, Docker, IntelliJ, NetBeans, Android Studio

ACHIEVEMENTS

- **Winner of Codement_24** hackathon organized by Nutan College of Engineering & Research, Talegaon, Pune.
- **Winner of Devclash** hackathon organized by Dr. D. Y. Patil Institute of Technology, Pimpri, Pune.
- **Winner of Innovo_24** hackathon organized by Shri Sant Gajanan Maharaj College Of Engineering, Shegaon.

EXTRACURRICULAR

- Currently serving as the **Web Head at Microsoft Learn Student Club (MLSC)**, leading web development initiatives and projects.
- Conducted an internship for **Saarthi Innovations Pvt. Ltd.**, teaching web development to **25+ diploma students**.
- **Managed the flagship event 'HackEnvision,'** a cybersecurity workshop attended by **200+ students**, as the Web Coordinator for Team Quark club.