AMEY PATHE

Chintamani Nagar, Pune

📞 +91-8625032293 ✉ amey.pathe23@vit.edu in Linkedin ⌂ Github ⚡ LeetCode

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 - Information Technology - ***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.