

# AMEY PATHE

Chintamani Nagar, Pune

+91-8625032293

amey.pathe23@vit.edu

LinkedIn

GitHub

LeetCode



## EDUCATION

**Viswakarma Institute of Technology, Pune**

*B.Tech - Artificial Intelligence and Data Science (CGPA: 8.46)*

2023 – 2026

Pune, Maharashtra

**Government Polytechnic, Amravati**

*Diploma - Information Technology (Percentage: 91%)*

2020 – 2023

Amravati, Maharashtra

## EXPERIENCE

**Microspectra Software Technologies Pvt. Ltd.**

*Web Developer*

Jun 2022 – Aug 2022

Khamgaon, Maharashtra

- Developed responsive web applications using React and Next.js in a cloud-native, agile environment.
- Utilized Docker containerization and AWS deployments (EC2, S3, ECS) to ensure scalable, high-performance solutions.
- Implemented CI/CD practices and conducted code reviews to maintain quality and streamline development.

## PROJECTS

**Technominds IP Solutions Pvt. Ltd.** | Next.js, Firebase, Vercel, Google Search Console

2023

- Developed and deployed an SEO-optimized website using Next.js for both frontend and backend.
- Containerized the application with Docker and deployed on AWS using EC2, S3, and ECS.
- Integrated AWS load balancing and ElastiCache (Redis and MongoDB) for performance optimization.
- Implemented CI/CD pipelines for continuous integration and automated testing.

**CPU Scheduling Simulator** | Python, Tkinter, Matplotlib, Pywinauto

2022

- Created a Python desktop application to simulate CPU scheduling algorithms (FCFS and SJF) using Tkinter and Matplotlib.
- Implemented Gantt chart visualizations and computed performance metrics.
- Developed automated testing scripts with Pywinauto for enhanced reliability.

**Recipe App** | Next.js, Flask, Google Gemini, DB Procedures, Views, Triggers

2024

- Developed a full-stack recipe application with secure user authentication and CRUD operations.
- Implemented advanced search using DBMS concepts (procedures, views, triggers).
- Integrated a chatbot using Google Gemini with Flask to enhance user engagement.
- Employed Docker and AWS deployment strategies for a scalable, cloud-native architecture.

## TECHNICAL SKILLS

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

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

**Cloud & DevOps:** AWS (EC2, S3, ECS, ElastiCache), Docker, CI/CD, Microservices, Agile Methodologies

**Developer Tools:** VS Code, Git, Postman, 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

- Serving as the **Web Head** at Microsoft Learn Student Club (MLSC), leading cloud-based web development initiatives.
- Conducted an internship for **Saarthi Innovations Pvt. Ltd.**, instructing 25+ diploma students in modern web and cloud technologies.
- Managed the flagship event 'HackEnvision' (cybersecurity workshop for 200+ students) as Web Coordinator for Team Quark club.