Akash Patil

✉ akashpatil.ap1610@gmail.com | 📞 +91-9322200905 | ⌨ github.com/Max-CoderBoi | 💼 linkedin.com/in/akash-patil-544a62301

Education

Veermata Jijabai Technological Institute (VJTI), Mumbai, Maharashtra 2024 – Present
Bachelor of Technology (B.Tech) in Computer Engineering

Veermata Jijabai Technological Institute (VJTI), Mumbai, Maharashtra 2021 – 2024
Diploma in Chemical Engineering, Percentage: 97.21%

Don Bosco High School, Kalyan, Maharashtra 2020 – 2021
SSC, Percentage: 88.60%

Technical Skills

Programming Languages: JavaScript, C++
Frontend: React.js, Tailwind CSS, HTML, CSS
Backend: Node.js, Express.js
Databases: MongoDB, SQL, MariaDB, Redis
Tools & Platforms: Docker, Git, GitHub

Projects

LeetCode Platform with AI Assistant
HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB, Redis, Judge0, Gemini AI, Cloudinary

· Full-stack web platform for solving coding problems with live code execution via Judge0 API.

· Integrated Gemini AI to provide personalized hints, debugging assistance, and solution explanations, improving user learning efficiency.

· Integrated Monaco Editor to deliver a custom code editor with syntax highlighting and multi-language support.

· Provided video solutions for coding problems via Cloudinary, enabling users to learn through clear visual explanations.

Employee Task Management System
HTML, CSS, Tailwind CSS, JavaScript, Node.js, Express.js, MongoDB

· Built a modern web application to manage employee tasks with dynamic status tracking (New, Active, Completed, Failed), delivering a seamless user experience through React hooks and Tailwind CSS.

· Implemented an intuitive admin panel enabling task creation and assignment to employees, improving team productivity and operational efficiency.

· Implemented secure user authentication and role-based access control to protect sensitive data.

· Applied modern development practices like component reusability and efficient state management to streamline future scalability and maintenance.

Blog Platform
HTML, CSS, JavaScript, React, Tailwind CSS, Appwrite

· Developed a blogging platform enabling users to write, edit, and publish posts securely.

· Integrated Appwrite BaaS for user authentication and database management.

· Implemented a markdown editor using TinyMCE to enable rich text formatting and an enhanced writing experience for blog posts.

Awards & Leadership

Awarded Meritorious Award for Academic Excellence by Ex-Principal for securing distinction in diploma and achieving **34th rank across Maharashtra**.

Line-Following Robot: Built and programmed a line-following robot using IR sensors and C++, gaining hands-on experience in robotics and participating in a college-level competition.

Sponsorship Head (Department Committee): Led sponsorship activities, raising over 2.5 lakh in funds and building partnerships for various technical events.