ASHAY PATIL

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PROFESSIONAL SUMMARY

Aspiring Fullstack Engineer with a strong foundation in JavaScript, HTML, CSS, and modern frameworks like React.js. Passionate about building scalable, responsive, and user-centric applications that deliver seamless user experiences. Experienced in component-based UI design, REST API integration, and state management. Strong computer science fundamentals with a proven track record of solving real-world problems through personal and team-based projects. A fast learner who thrives in agile, startup-like environments and enjoys exploring cutting-edge technologies.

EDUCATION

- **Vishwakarma Institute of Technology**   *2023 - 2027*
  B-Tech Computer Engineering   Pune, India
  ◦ GPA: 9.04/10.00

COURSEWORK

**Data Structures and Algorithms | Object Oriented Programming | Database Management Systems |
Operating Systems | Data Science**

PROJECTS

- **Deepfake Image Detection: Hackathon Project of AI-powered Fullstack website**   *March 2025*
  Tech Stack: React.js, CSS, Express.js, MongoDB, Mongoose ODM, REST APIs, JSON Web Tokens, React Router DOM
  ◦ Contributed to a fully scalable web application for a **national-level AI Agents Hackathon**, integrating AI models developed by teammates.
  ◦ Developed a scalable, **Reactjs frontend** to detect real vs. fake images in real time.
  ◦ Collaborated with a **cross-functional team**, contributing to scalable Frontend features and seamless **API-to-model integration**.
  ◦ Collaborated on **secure RESTful API integration**, **JWT-based auth**, and **frontend routing** with **React Router**.
  ◦ Built reusable **UI components** and image upload modules using React Hooks and form data.
  ◦ GITHUB Repository: - https://github.com/ashay-patil/Onelab-Hackathon

- **AI Powered Code Reviewer: Web app powered by Google Gemini AI**   *June 2025*
  Tech Stack: React.js, Axios, CSS, Express.js, Google Generative AI SDK
  ◦ Developed a real-time code feedback system using **Google Gemini AI** to review and provide feedback on user-submitted code in real time.
  ◦ Created **frontend-to-backend pipeline** to send code snippets and **display structured Gemini responses dynamically.**
  ◦ Implemented **frontend-to-backend** integration to process and send code snippets to Gemini AI via **REST API using Axios and Express.js**.
  ◦ Built a highly interactive frontend UI for **real-time code review** using React and REST APIs.
  ◦ GITHUB Repository: - https://github.com/ashay-patil/AI-Powered-Code-Reviewer

- **AI College Buddy: Your Personal College Study Mentor**   *June 2025*
  Tech Stack: Node.js, Express.js, REST-API, React Hooks, Axios,
  ◦ Developed a full-stack MERN web application that helps students **generate personalized study plans**, strategies, motivational tips, and **YouTube video recommendations**.
  ◦ Integrated **Gemini 2.0 Flash API** with prompt engineering to produce structured markdown responses based on academic queries.
  ◦ Used **React Hooks** for state management and created a **PDF export** feature.
  ◦ GITHUB Repository: - https://github.com/ashay-patil/Ai-College-Buddy

SKILLS

- **Programming Languages:** JavaScript, Java, Python, C
- **Frontend:** HTML, CSS, JavaScript, React.js, React Router DOM, Axios
- **UX/UI**: Responsive Design, Component Reusability, Routing, State Management.
- **Backend:** Node.js, Express.js, REST APIs, JSON Web Tokens, Mongoose ODM, Postman
- **Database Systems:** MySQL, MongoDB
- **Tools**: Git, GitHub, Postman, MongoDB Atlas, VS Code, Cloudinary
- **Core Strengths:** Problem Solving, Debugging, Troubleshooting, Code Optimization, Web Development.
- **Soft Skills:** Excellent Communication, Teamwork abilities, Time management, Working Independently

HONORS AND ACHIEVEMENTS

- **Top 10 Finalist – Onelab Ventures Hackathon (150+ teams Nationally)**   *March 2025*
  Organized by Onelab Ventures
- **Solved 250+ problems on Leetcode**   *Ongoing*
  Leetcode
- **Achieved 5 Stars in Python, 4 Stars in C**   *Ongoing*
  HackerRank

WHAT MAKES ME FIT FOR AMAZON

- Experienced in **React** and **JavaScript**, with knowledge of UX component reuse and frontend testing.
- **Built full-stack projects from scratch** with scalability in mind.
- Strong grasp of CS fundamentals including **data structures, algorithms, and object-oriented programming**.
- Built 15+ Frontend projects in JavaScript with CSS styling with user experience in mind.
- Passionate about delivering customer-centric interfaces in fast-paced, collaborative environments**.**