

ASHAY PATIL

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PROFESSIONAL SUMMARY

Experienced in developing full-stack applications using React.js, Node.js, MongoDB, and Express.js, handling authentication, API design, and deployment pipelines with strong foundations in **Data Structures, Algorithms, and Object-Oriented Programming**. Experienced in developing **end-to-end scalable web applications** using the **MERN stack, RESTful APIs, and version control (Git)**. Proven track record of working in collaborative environments and delivering **real-world solutions** during hackathons and personal projects. Passionate about building secure, efficient, and user-friendly applications.

EDUCATION

- Vishwakarma Institute of Technology**
B-Tech Computer Engineering
◦ GPA: 9.04/10.00


2023 - 2027
Pune, India


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**
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.
◦ Integrated Multer for **image upload** from frontend to backend, enabling **ML-based** real vs fake detection through a **Python** script.
◦ Collaborated with a **cross-functional team**, contributing to scalable features and seamless **API-to-model integration**.
◦ Collaborated on **secure RESTful API integration, JWT-based auth**, and frontend routing with **React Router**.
◦ GITHUB Repository: - <https://github.com/ashay-patil/Onelab-Hackathon>

March 2025

- AI Powered Code Reviewer: Web app powered by Google Gemini AI**
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 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**.
◦ GITHUB Repository: - <https://github.com/ashay-patil/AI-Powered-Code-Reviewer>

June 2025

- Auth Backend API: OTP-based Developer's Secure Playground**
Tech Stack: Node.js, Express.js, JSON Web Tokens, Nodemailer OTP Verification, Joi Validation, MongoDB Atlas, bcryptjs
◦ Created a **secure authentication backend** featuring **OTP-based verification, JWT login**, and **schema validation** using Joi.
◦ Configured **MongoDB Atlas cloud DB**, followed best practices for user **input validation and error handling**.
◦ Emphasized modularity and reusability for developer-centric API consumption.
◦ Utilized Postman for **checking API routes** ensuring proper **request-response-cycle**.
◦ GITHUB Repository: - <https://github.com/ashay-patil/Auth-Backend-APIs---A-Developer-s-Secure-Playground>

June 2025


SKILLS

- Programming Languages:** Java, Python, C, JavaScript
- Frontend:** HTML, CSS, JavaScript, React.js, React Router DOM, Axios
- Backend:** Node.js, Express.js, REST APIs, Axios, JSON Web Tokens, Mongoose ODM, Postman
- Database Systems:** MySQL, MongoDB
- Cloud Technologies:** Cloudinary, MongoDB Atlas
- Version Control:** Git, Github
- 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)**
Organized by Onelab Ventures

March 2025
- Solved 230+ problems on Leetcode**
Leetcode

Ongoing
- Achieved 5 Stars in Python, 4 Stars in C**
HackerRank

Ongoing