Abhishek Patidar

✉ abhipatidar253@gmail.com | ☎ 6263809884
○ https://github.com/Abhi-Ptdr | in https://www.linkedin.com/in/abhiptdr

Skills

Languages: C/C++, Python, JavaScript, SQL

Technologies & Tools: HTML, CSS, Bootstrap, Tailwind CSS, ReactJS, Next.js, Node.js, MongoDB, Express.js, Redux Toolkit, Git, GitHub, WordPress, APIs, Data Structure and Algorithms(DSA), DBMS, Big Data Analytics, Machine Learning, Deep Learning, Natural Language Processing (NLP), LLMs, Neural Networks.

Education

IIIT Gwalior   Aug 2023 - Jul 2025
M.Tech in Computer Science and Engineering   *CGPA: 8.87/10*
Relevant Coursework: Implementation Techniques of Algorithms, Computer Networks and Security, Fundamentals of Cryptography, Big Data, Machine Learning, Deep Learning, Software System Design

Work Experience

Zidio Development, Remote   April 2025 - Jul 2025
Web developer, MERN Stack

- Developed responsive, interactive UIs using React.js, Tailwind CSS, Redux Toolkit, improving user engagement by 30% through dynamic dashboards and data visualizations.
- Built and maintained RESTful APIs using Node.js, Express.js, and MongoDB, reducing data retrieval time by 40% and improving backend reliability.
- Implemented file upload and data processing features using Multer and Sheet.js, enhancing operational efficiency and automating manual workflows by 50%.
- Collaborated in a team of 5 developers using Git/GitHub and Postman for version control and API testing, with integration of OpenAI APIs to generate smart content summaries, reducing content generation time by 60%.

Project Work

Mentoro | *JavaScript, Next.js, Prisma ORM* | *Project Link*   Jul 2025 - Aug 2025

- Architected and Implemented a full-stack AI career coaching platform featuring AI-powered mock interviews, automated resume optimization and real-time career analytics dashboard.
- Created a scalable interview preparation system using React Hook Form and Zod validation, enabling role-specific mock interviews with AI feedback, resulting in comprehensive performance analytics and skill gap analysis.

Hire Hive | *React.js, Node.js, MongoDB* | *Project Link*   Mar 2025 - April 2025

- Engineered a full-stack job portal using React.js, Node.js, Express.js, and MongoDB, featuring role-based authentication for job seekers and recruiters.
- Managed 100+ job postings and 1,000+ applications with 5+ API endpoints. Leveraged Redux Toolkit for real-time updates and integrated Cloudinary for file uploads.

FakeThreads | *Python, Machine Learning, NLP* | *Project Link*   Sept 2024 - April 2025

- Designed a robust fake news detection system using 6,000+ posts and 14 features collected from Threads, annotated by cross-referencing 10+ trusted fact-checking platforms. Addressed class imbalance using LLMs.
- Trained and evaluated 5+ ML and DL models, achieving 91.93% accuracy with RoBERTa. Integrated metadata, sentiment, and engagement features to conduct analysis of bot-like behavior and misinformation spread patterns.

Achievements and Certificates

- **Research Publication:** Published a research paper with Springer titled "Empowering DDoS Resilience: Machine Learning Strategies for Enhanced Cybersecurity", presented at the 6th International Conference on Entrepreneurship, Innovation and Leadership (ICEIL 2024), Amity University, Noida. Paper Link
- Qualified **GATE-2023 (CSE)**.
- HackerRank Badges: Gold (C++, SQL), Silver (Problem Solving, Python).
- Certifications: Web Development Internship (Zidio), Fundamentals of C++ (Coding Ninjas), Web Development (Udemy), Programming with Python (Internshala), Web Development Intern (Designing World).

Extra-Curricular

- Volunteered at International Conference CVMI-2023.
- Submitted a research paper titled "FakeThreads: Investigating Fake News Dissemination Patterns in Threads" to IEEE Transactions.