Prince Saxena

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Education

Dr. A. P. J. Abdul Kalam Technical University **Sep. 2022 – Jun. 2026**
Bachelor of Technology in Computer Science *Aligarh, UP*

Relevant Coursework

- **Web Development:** Built responsive websites using HTML, CSS, and JavaScript.
- **Frontend UI Design:** Worked with Tailwind CSS for modern interfaces.
- **JavaScript and React:** Learned ES6+, DOM manipulation, API integration, and Context API.
- **Backend Development:** Explored Node.js, Express, and Mongoose for RESTful APIs.
- **Machine Learning (Ongoing):** Currently learning supervised/unsupervised learning, regression, and classification using Python.
- **Deep Learning (Ongoing):** Exploring neural networks, CNNs, and libraries like TensorFlow and Keras.

Projects

ResumeIQ | *React, Tailwind CSS, Node.js, Express* **Jan 2025**
- Developed a single-page resume builder using React, React Router, and Context API for state management.
- Implemented sign-in, sign-up, and resume-saving features with a backend server using Node.js and Express.
- Enabled users to create, save, and download resumes as PDFs with a clean, responsive UI using Tailwind CSS.
- Planned enhancements include multiple templates and advanced customization options.

AI Code Reviewer | *React, Node.js, Gemini API* **Jan 2025**
- Developed an AI-powered code reviewer that leverages the Gemini API to analyze and provide insights on code.
- Implemented a user-friendly interface for submitting code snippets and receiving AI-driven suggestions.
- Deployed the project for public use, accessible at: AI Code Reviewer.

Sentiment Analysis Tool | *Python, scikit-learn, pandas* **2025 (Learning Phase)**
- Built a basic sentiment analysis model using labeled text data to classify sentiments as positive or negative.
- Used pandas for data preprocessing and scikit-learn for vectorization and logistic regression classification.

Face Mask Detection System | *Python, TensorFlow, OpenCV* **2025 (Learning Phase)**
- Created a simple mask detection system using a CNN trained on image datasets of masked and unmasked faces.
- Used TensorFlow for model building and OpenCV for real-time face detection through webcam feed.

Technical Skills

Frontend Development: React, Tailwind CSS, Bootstrap, GSAP

Backend Development: Node.js, Express, Mongoose (Basic)

AI/ML Tools (Basic): Scikit-learn, Pandas, TensorFlow , Keras

Developer Tools: VS Code, Git/GitHub, Postman

Certifications

– Completed **7-day Web Development Workshop** by *IBM*, Mar 2025.

– Certified in **React Certification** by *HackerRank*, Nov 2024.

– Certified in **JavaScript (Basic) Certification** by *HackerRank*, Sep 2024.