

Devansh Kaushik

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Education

- **National Institute of Technology, Kurukshetra** 2023 – 2027
B.Tech. in Information Technology, CGPA: 8.32 Kurukshetra, India
- **Govt. Senior Secondary School** 2021 – 2023
HBSC Board: 90.6% Bhiwani, India

Projects

- **AI-powered Resume Analyzer** [Source Code](#)
ReactJS, React Router, Puter.js, AI APIs
 - Built an AI-powered web application to evaluate candidate resumes against job listings.
 - Integrated Puter.js for seamless resume uploads and job data management.
 - Implemented AI models to automatically analyze and match resumes with job requirements.
 - Designed a user-friendly interface with React Router for structured navigation and candidate/job views.
- **Expense Tracker App** [Source Code](#)
ReactJS, NodeJS, MongoDB, Material-UI
 - Developed a full-stack MERN application for secure income and expense tracking.
 - Secured user accounts with JWT-based authentication.
 - Implemented interactive charts for intuitive financial data visualization.
 - Enabled export of income and expense data in Excel format for offline use.
- **Gesture Detector** [Source Code](#)
Python, OpenCV, TensorFlow
 - Uses TensorFlow object detection to determine hand gestures.
 - Image collection script uses camera to record data and also handles labelling.
 - Training and detection script uses a pre-trained model on the captured data.
- **Photo Sharing Web App** [Source Code](#)
ReactJS, NodeJS, MongoDB, Heroku
 - A MERN stack application that allows users to create a profile and share posts/locations, view them on map and check out other profiles.
 - Built the entire backend using NodeJS with Express that stores data in MongoDB.
 - Used Maps API to get the location of places using coordinates.
- **Chess Game** [Source Code](#)
Python, Pygame, Object-Oriented Programming
 - Implemented a fully functional chess game with rule validation, and check/checkmate detection.
 - Optimized board rendering and event handling for seamless user interaction.
 - Structured the codebase with Object-Oriented Programming for scalability and maintainability.

Technical Skills

Languages: C, C++, Python, JavaScript, TypeScript

Web Technologies: ReactJS, NodeJS, Express, MongoDB

Libraries/Frameworks: Tailwind CSS, Material-UI, Pandas, NumPy, Matplotlib, OpenCV

Developer Tools: Git, GitHub, VS Code, WebStorm, Postman

Coursework: Data Structures and Algorithms, Python, Object-Oriented Programming, Digital System Design, Computer Organization and Architecture, Internet of Things, Operating Systems

Achievements

- 400+ Data Structures and Algorithms problems solved across coding platforms.
- Gold Medalist – Achieved Zonal Rank **7th** in the Mathematics Olympiad.
- Secured 98.79 percentile in JEE Main (national level).
- Qualified JEE Advanced with top national percentile.