

# ABHINAV CHAUDHARY

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## Education

<b>Vellore Institute of Technology, Bhopal</b> <i>B.Tech in Computer Science &amp; Engineering</i>	<b>2022 – 2026</b> <i>CGPA: 7.56</i>
<b>Jayshree Periwai High School, Jaipur</b> <i>Senior Secondary (XII), CBSE</i>	<b>2022</b>
<b>St. Xavier's Sr. Sec. School, Jaipur</b> <i>Secondary (X), CBSE</i>	<b>2019</b>

## Technical Skills

**Languages:** Java, JavaScript, HTML, CSS, Python

**Frontend:** ReactJS, GSAP, TailwindCSS

**Backend:** Node.js, Express.js, MongoDB

**Tools:** Figma, Git, Adobe Creative Suite, Firebase

## Projects

<b>E-expense Tracker</b>   <i>JavaScript, React.js, Node.js, MongoDB, D3.js, Chart.js</i>	<b>Apr 2025</b>
<ul style="list-style-type: none"><li>Developed a web application to help users track personal and business expenses.</li><li>Implemented expense categorization and report generation features for better financial tracking.</li><li>Used D3.js and Chart.js to visualize data in an interactive and informative manner.</li><li>Deployed the application on a cloud platform for secure, real-time data handling.</li></ul>	

<b>DiSease Predictor and Mapping</b>   <i>Python, Scikit-learn, MySQL, Leaflet.js, D3.js</i>	<b>Jan 2025</b>
<ul style="list-style-type: none"><li>Created a machine learning-based platform that predicts diseases based on user-reported symptoms.</li><li>Integrated geographical mapping using Leaflet.js to visualize disease distribution on a real-time map.</li><li>Used Scikit-learn to build and train models for disease prediction, achieving high accuracy.</li><li>Leveraged MySQL for efficient data storage, with D3.js used for creating dynamic visualizations.</li></ul>	

<b>InterviewPrep</b>   <i>Python, Flask, React.js, PostgreSQL, TensorFlow, Firebase</i>	<b>Ongoing</b>
<ul style="list-style-type: none"><li>Built an AI-based interview preparation platform offering personalized practice questions and real-time feedback.</li><li>Integrated TensorFlow to generate customized interview questions based on the job description.</li><li>Developed a real-time progress tracker for users, storing data in Firebase for seamless synchronization.</li><li>Used Flask to create the backend and PostgreSQL for efficient data storage and retrieval.</li></ul>	

## Work Experience

<b>REIL (Rajasthan Electronics &amp; Instrument Ltd.), Jaipur</b> <i>Web Development Intern</i>	<b>Dec 2024 – Feb 2025</b>
<ul style="list-style-type: none"><li>Undertaken a project on Mobile Based OTP Calibration of Milk Analyzer with Web-Based Admin Panel.</li><li>Worked under the Dairy IT Department of the company.</li></ul>	

## Extra Curriculars

<b>Tech Team Lead, Annual Sports Fest 2023</b> <i>Vellore Institute of Technology</i>	<b>2023</b>
<ul style="list-style-type: none"><li>Led the technical team to organize and manage the event's technical aspects, including live-streaming, event registration, and tech support.</li></ul>	
<b>Badminton Sports Coordinator, Annual Fest 2024</b> <i>Vellore Institute of Technology</i>	<b>2024</b>
<ul style="list-style-type: none"><li>Coordinated the badminton events during the annual fest, managing teams, scheduling matches, and ensuring smooth operations throughout the event.</li></ul>	

## Trainings / Certifications

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### **The Complete 2024 Web Development Bootcamp**

**Feb 2024 – Present**

*Udemy (Angela Yu), Virtual*

By the end of the course, I'll be fluent in programming using HTML, CSS, JS, Node.js, React.js, etc.

### **Bits and Bytes**

**Nov 2023 – Dec 2023**

*Google, Virtual*

Learned networking services like DNS and DHCP and understand cloud computing.