

SAHIL CHAUDHARY

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EDUCATION

Vellore Institute of Technology

B.Tech - Computer Science and Engineering, Cumulative GPA: 9.18

Bhopal, India

Expected May 2025

Podar International School

Higher Secondary - 95.0% & Matriculation - 93.6%

Jamnagar, India

Jul 2021 & May 2019

SKILLS

Programming Languages

C++, Python, SQL

Frameworks/Tools

React.js, MongoDB, Figma, Tableau, Git

Relevant Coursework

Object-oriented programming, Database management systems, Operating system

Certifications

AWS Cloud Practitioner, SQL (Intermediate)

PROJECTS

ResuMate - *ReactJS, JavaScript, HTML, Figma* [\[Live\]](#)

Dec 2023 - Apr 2024

- Achieved 600 unique user engagements and 2300 page visits by creating a professional resume-building platform with predefined formats using React and JavaScript, following agile methodology.
- Enhanced data security and the user experience for over 200 returning users by implementing secure local storage with JavaScript for saving previously filled columns.
- Attained a 60% engagement rate by designing a user-friendly interface with Figma and an SEO score of 100 on Google Analytics, Page-Speed Insights.

Complaint Desk - *NodeJS, JavaScript, Tailwind CSS, MongoDB, Figma* [\[Live\]](#)

Mar 2024 - Apr 2024

- Minimized paperwork by 99% through developing a high-efficiency complaint administration platform using React, Node.js, and Express.js for performing CRUD operations and managing user profiles.
- Reduced the time required to manually document and access complaints from an hour to 2-3 minutes by utilizing MongoDB for efficient data storage and implemented a modern User Interface, prototyping interactive elements in Figma for better data analysis.

Alzheimer's Disease Early Prediction Using Deep Learning [\[GitHub\]](#)

Jan 2025 - Mar 2025

- Developed a deep learning-based hybrid model algorithm achieving 95.8% accuracy in early prediction, by combining ResNet50 with Vision Transformer architectures and applying data augmentation.
- Improved predictive analytics for classification with a precision score of 93%, and model evaluation through data visualization techniques, by using class weights to balance the dataset, Seaborn and Matplotlib to analyze model performance.

PROFESSIONAL EXPERIENCE

Neptune Elevators - *SDE Internship*

May 2024 - Jul 2024

- Revamped profile management system and UI/UX using ReactJS and MongoDB resulting in 15% decrease in account support-related emails and ease in analysis.
- Implemented reCAPTCHA v3 to strengthen website security and prevent bots from overloading the website.

EXTRACURRICULAR ACTIVITIES

- Won the Ideathon in Feb 2024, achieving first place among 25 teams, by presenting the ResuMate project.
- Reached final stage in Hack Data, a 24-hour hackathon by ACM Delhi, competing against 500 teams.
- Awarded a Letter of Appreciation from the Vice Chancellor of VIT Bhopal University (Mar 2023) for contributions to over 15 newsletters.
- Led Student council and a large Organizing Committee for the Annual Techno-cultural Fest, attracting over 11K attendees and managing logistics for over 90 events hosted by college clubs.
- Volunteered for the National Service Scheme unit, contributing to 4 community service initiatives.