

TINA CHELWANI

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

Cumulative GPA: 8.08/10

Relevant Coursework: Object Oriented Programming, Computer Networks, Operating Systems, Database Management System

Bhopal, Madhya Pradesh

June 2021 - 2025

PROJECTS

Finance Tracker

[Link](#)

- Developed a Personal Finance Tracker with real-time expense and income logging, budget goal setting, and enhanced security features to improve financial well-being and savings
- Built the application using HTML, CSS, React.js, React Routers, Chart.js, Node.js, Express, MongoDB, JWT, BcryptJS, and Node Mailer
- Contributed as a Full Stack Developer, implementing both frontend and backend functionalities

Cardio Boost

[Link](#)

- Developed a predictive model using AdaBoost, XGBoost, and Gradient Boosting on a dataset of 10,000 patients, analyzing 13 key health indicators. Achieved 72.86% accuracy and 0.77 AUC with AdaBoost.
- Implemented data preprocessing techniques, including feature selection (top 5 features), outlier removal (7.5% extreme values eliminated using the IQR method), and normalization (MinMaxScaler applied to 10+ attributes), improving data quality and model efficiency.
- Evaluated model effectiveness using precision (77%), recall (64%), F1-score (70%), and ROC-AUC (0.77), demonstrating a 12% improvement in predictive accuracy for timely medical intervention and wrote a research paper on the findings.

WORK EXPERIENCE

Web Developer Intern

October 2023 – December 2023

Baoiam Innovations Pvt. Ltd.

- Collaborated with my team as the youngest member to design and implement an engaging home page, integrating essential features like sign-up/sign-in authentication and a seamless payment gateway.
- Fixed CSS bugs and ensured 100% responsiveness, enhancing the site's visual appeal across devices and increased user engagement by 2x.

SKILLS

Programming Languages: Java, JavaScript, HTML, CSS

Databases: MongoDB, MySQL

Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS

Developer Tools & Platforms: Git/GitHub, Vercel, Netlify

ACHIEVEMENTS

- Ranked in the top 10% out of 23,000 candidates in the NPTEL Cloud Computing Exam by IIT Kharagpur, earning the Elite certification.
- Secured National Semi-finalist position at HPCL's HP Power Lab – Ideas for a Viksit Bharat (2025) under the domain of Energy, Equity, and Inclusion, ranking in the top 48 out of 1.2L+ participants.
- Earned 16 badges in the Google Cloud Computing Foundation, securing a position in the gold league with 20,760 points.
- Excelled in the Spark AR(Meta) x Reskill Hackathon with over 5k+ attendees, created 5+ Instagram filters.
- Achieved a score of 162 out of 200 in NTSE- Stage 1 (November 2018).

CERTIFICATIONS

- Google Cloud Computing Foundation, Issued by Google Cloud ([Certificate](#))
- MERN Stack Development, Issued by ETHNUS ([Certificate](#))
- The Bits and Bytes of Computer Networking, Issued by Coursera ([Certificate](#))
- Alpha (DSA with Java) by Apna College ([Certificate](#))