TINA CHELWANI

+91 9301556691 | chelwani.tina@gmail.com | linkedin.com/in/tina-chelwani/ | github.com/tinachelwanii/

EDUCATION

Vellore Institute of Technology — Bhopal, Madhya Pradesh
Bachelor of Technology in Computer Science and Engineering — June 2021 - 2025
Cumulative GPA: 8.08/10
Relevant Coursework: Object Oriented Programming, Computer Networks, Operating Systems, Database Management System

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

Software Developer Intern — May 2025 - Present
Hindustan Petroleum Corporation Limited (HPCL)
- Developing a Product Management System using Spring Boot, JDBC and JSP, enabling full CRUD operations with a responsive user interface across devices using HTML, CSS, and JSP

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

- 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).
- 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 theme Energy, Equity, and Inclusion, ranking among the top 48 out of 1.2 lakh+ participants, and subsequently awarded a summer internship at Hindustan Petroleum Corporation Limited (HPCL).

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)