Vijay Laxmi

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Summary

Third-year Computer Engineering student skilled in the MERN stack (MongoDB, Express.js, React.js, Node.js), Flutter, and Machine Learning. Experienced in building scalable, user-centric web and mobile applications. Proven track record of delivering results under tight deadlines through hackathons, live projects, and internships.

Education

- **Pune Institute Of Computer Technology**, BE in CS   Sept 2023 – May 2027
  GPA: 8.8 / 10.0 Coursework: Data Structures & Algorithms (C++), OOP, DBMS (MySQL), Web Development, Mobile Development
- **H.S.C (Class XII)**, JKBOSE — 95.4%
- **S.S.C (Class X)**, JKBOSE — 94.8%

Projects

- **GoSafe – Safe Routes Recommendation Application**   *Flutter, Firebase Firestore, OSRM API*
  - Built a Flutter app recommending safest vs shortest routes using OSRM, OSM, and Nominatim APIs.
  - Integrated Firebase Firestore for storing real-time crime data, enabling 100+ dynamic route updates daily.
  - Designed a secure admin panel for law enforcement and implemented geolocation with push notifications.

- **ASCVD Risk Calculator & Health Improvement Website**   *React.js, Machine Learning, Healthcare APIs*
  - Built a cardiovascular risk prediction tool using an ML model trained on healthcare datasets.
  - Developed a responsive React.js dashboard with goal tracking and personalized recommendations.

- **Clash – Competitive Programming Platform**   *React.js, JavaScript*
  - Built a dynamic leaderboard frontend with real-time ranking updates for a live competitive event.

- **PCSB Xenia – Contact Page**   *HTML, CSS, JavaScript, React.js*
  - Developed a responsive contact page integrated into the main event website architecture.

Experience

- **AI/ML Intern — AICTE Samarth Program, NITTTR Bhopal**   May 2025 – June 2025
  - Built house price prediction models using Linear Regression, Random Forest, and LSTM.
  - Performed data preprocessing, feature engineering, and evaluation on real-world datasets.
  - Delivered an end-to-end ML pipeline and presented results to academic mentors.

Technical Skills

Languages: C++, JavaScript, Dart, Python, SQL, HTML, CSS
Frameworks & Technologies: MERN Stack (MongoDB, Express.js, React.js, Node.js), Flutter, Tailwind CSS, Firebase, MySQL
Tools: Git, GitHub, Android Studio, VS Code, OSRM API, Nominatim API

Achievements & Activities

- Second Runner-Up — Hackathon, Sinhgad College of Engineering (Wellness Tracker).
- TechFiesta Hackathon — Developed GoSafe app within 24 hours.
- INC event participant — Impetus & Pradnya, PICT.
- Lead — Fandom & Electroquest, Pulzion'24; NSS Volunteer at PICT.
- First-year Class Representative — Credenz 2024