Ishan Saxena

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Summary

Software Developer with hands-on experience in web and Android development. Proficient in Kotlin, Java, ReactJS, Python and Tailwind CSS. Experienced in building scalable applications, optimizing performance, and integrating APIs. Seeking opportunities in Software Development, Web Development, App Development, or Machine Learning.

Experience

CirclePe   May 2025 – June 2025
Web Development Intern (Offline)

- Developed responsive UI components with **ReactJS** and **Tailwind CSS**, improving cross-device user experience.
- Automated extraction and processing of 1,000+ web data points using **Python**, streamlining data workflows.
- Optimized rendering performance, improving navigation fluidity and reducing load times.
- Designed and deployed an SEO-friendly **Area Converter Web Tool**, enhancing site visibility and accessibility.

Education

Vellore Institute of Technology, Bhopal   Sept 2023 – Present
B.Tech in Computer Science and Engineering — CGPA: 8.87
Relevant Coursework: Data Structures and Algorithms, Operating Systems, DBMS,
Computer Networks, Web Technologies

St. Teresa School, Indirapuram   Mar 2020 – May 2023
Class XII (Science, CBSE) — 89.2%
Class X (CBSE) — 97.6%

Technical Skills

Programming Languages	Kotlin, Python, C++, Java, JavaScript (ES6+), HTML, CSS
Frameworks and Libraries	ReactJS, Tailwind CSS, Jetpack Compose, Android SDK, Flask
Databases	Firebase, SQLite, MySQL
Developer Tools	Git, Docker, Postman, VS Code, Android Studio, Figma
Core Competencies	Data Structures & Algorithms, Object-Oriented Programming, REST APIs, Agile Development, Unit Testing
Other Skills	LaTeX, Prompt Engineering, Design Thinking

Projects

Smart Diet Planner – NutriBharat   GitHub Link
- Designed an Android diet recommendation app powered by a KNN-based ML model, achieving **90%** accuracy.
- Integrated Python backend (scikit-learn) with Kotlin frontend for real-time predictions.

Shopping List App   GitHub Link
- Built an offline Android app with Room Database, supporting **100+** items per list.
- Reactive UI implemented using Jetpack Compose, improving task efficiency by 25%.

Pixel Forge – AI Image Generator   GitHub Link
- **Architected** a high-performance, client-side application from the ground up using **JavaScript** to interface directly with the Hugging Face Inference API.
- **Enhanced** application security and usability by implementing a 'localStorage'-based API key solution and a dynamic, system-aware light/dark theme.

Extracurricular

Core Member, HR Team – Cisco Community, VIT Bhopal   Oct 2024 – Present
- Drove member engagement by leading technical events (100+ attendees) and optimizing the on-boarding process.

Member, Boys' Hostel Committee – VIT Bhopal   Oct 2024 – Apr 2025
- Orchestrated cross-team logistics for "Summer Fest", a 1,000+ participant event.