

# Atharv Sathe

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## EDUCATION

### Vellore Institute of Technology, Bhopal University

Bachelor of Technology in Computer Science and Engineering, Cumulative GPA: 9.14

Kothri, Sehore

Expected June 2026

## EXPERIENCE

### Software Development Intern

January 2025 – Present

VisaKwik

Remote

- Developed and optimized Chrome extensions to automate visa application workflows, successfully streamlining the process for over 5+ countries.
- Implemented robust web scraping solutions using modern tools and techniques to extract and process complex visa application data with high accuracy.
- Enhanced browser automation capabilities, reducing manual intervention by 70%, improving operational efficiency, and accelerating application processing times.

## PROJECTS

### Booking Express: Railway Management System | Java Swing, MySQL, Maven

December 2024

- Engineered a robust desktop application with role-based access, managing 4 comprehensive database tables for **Users**, **Tickets**, **Transactions**, and **Trains**, enabling seamless functionality for both users and administrators.
- Optimized database operations across 20+ CRUD methods, ensuring real-time updates in seat availability, ticket statuses, and transactions while maintaining data integrity through modular DAO implementation.
- Designed intuitive GUIs for 2 distinct dashboards—**Admin** (train and user management) and **User** (ticket booking and transaction history), boosting usability with structured workflows and error-handling mechanisms.

GitHub Repository

### Markdown Blog | Node.js, Express.js, MongoDB, Bootstrap, EJS

October 2024

- Developed a dynamic Markdown blog platform with robust CRUD functionalities, secure parsing, and HTML sanitization using `dompurify` and `marked`, ensuring efficient content management and protection against vulnerabilities.
- Designed a responsive, user-friendly interface leveraging Bootstrap and EJS templates, enhancing accessibility and user engagement by approximately 20%.

Deployed Version — Github Repository

### PolyGlot Chrome Extension | React.js, JavaScript, TypeScript, Tailwind, Translator API

December 2024

- Developed a feature-rich Chrome extension to streamline multilingual content interaction, enabling users to translate text across 10+ languages and generate concise summaries in customizable tones and lengths.
- Optimized communication between content scripts, service workers, and popup UI, achieving a smoother workflow and reducing user wait times by approximately 30%.
- Enhanced accessibility and usability with a responsive, intuitive interface built using React.js and Tailwind CSS, ensuring seamless user interaction across devices.

GitHub Repository

## COMMUNITY & LEADERSHIP

### Technical Team Lead

October 2024 – Present

Google Developer Groups on Campus

Bhopal, MP

- Direction and management of technical teams, including Android, ML, blockchain, women tech makers, and web development, to ensure effective project execution and skill development.
- Designed and implemented a full-featured Discord server to maximize community engagement, facilitating discussions, coding challenges, and resource sharing among members.

## TECHNICAL SKILLS

**Languages & Subjects:** Data Structures and Algorithms, Object Oriented Programming, C, C++, Python, JavaScript, HTML, CSS

**Frameworks & Developer Tools:** NextJS, ReactJS, TailwindCSS, Git, GitHub, MySQL, Firebase, Figma, Windows Subsystems for Linux, Powershell, Framer Motion, GSAP, Pandas, Node.js, Express.js, MongoDB, Postman