Ankur Baijal

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SKILLS SUMMARY

Languages: C++, C, Java, Python, JavaScript
Frameworks and Libraries: Bootstrap, React.js, Node.js, Express.js, Tailwind CSS
Databases and Developer Tools: Html, CSS, Git, MySQL, MongoDB, CLI
Coursework: DBMS, Computer Networks, OOPS, OS
Soft Skills: Time Management, Problem Solving, Adaptability

WORK EXPERIENCE

Software Engineering Internship - Origin Medical Research Lab   [May 2025 – Present]

Software Engineer Internship - SkillQuest Learning   [November 2024 – April 2025]
Designed and developed the frontend using React and conducted unit testing to ensure optimal functionality and performance

PERSONAL PROJECTS

Namaste Movie – AI-Powered Movie Recommendation Web Application
- Developed a **React-based movie streaming platform** with **Redux** for state management, a responsive UI using **Tailwind CSS**, and integrated **GPT Search** using OpenAI API for movie recommendations.
- Fetched and displayed movie data from the **TMDB API** using custom hooks for **popular, top-rated, and upcoming movies**, while optimizing API calls for better performance.
- Implemented features like **background autoplay trailers** and **multi-language support**, enhancing user experience.   [URL]   [LINK]

Foodies - Modern Food Ordering Web Application Using React
- Integrated **Swiggy's live API** for real-time restaurant data and dynamic menu updates and Built a **custom accordion** for intuitive menu navigation.
- Used **Redux** for efficient state management and **lazy loading** for improved performance and designed a responsive UI with **Tailwind CSS**
- Streamlined builds with **Parcel Bundler** for fast development and deployment.   [LINK]

Phone Automation for Android and iOS Devices
- Utilized Python, PyQtGui, ADB, Twilio API, OpenCV, Tesseract OCR and Appium for functionality tests including screen mirroring, music playback, calls, and map navigation on Android and iOS devices. Implemented automated test sequences, remote control features, and user feedback collection
- Implemented automated test sequences, remote control features, and user feedback collection.   [LINK]

Full-Stack Image Processing Web App
- Built a web app using **React, Sharp** for real-time image editing.The app allows users to **upload** images, make real-time adjustments to **brightness**, **contrast**, and **rotation**, and preview the changes instantly.   [LINK]

ACHIEVEMENTS

Runner up in Eureka Challenge 2.0 by Varroc among 22000+ participants   [LINK]
Gold badge of 5 stars in problem-solving on Hackerrank   [LINK]
3 star in Java (HackerRank)   [LINK]
HackerRank Problem Solving Certificate Intermediate level   [LINK]
2.5 star on leetcode   [LINK]
Highest rated 1425 on leetcode   [LINK]

EDUCATION

ITM University Gwalior   Gwalior, India
B.Tech in Computer Science and Engineering, CGPA: 8.37   *July 2021 – July 2025*