SOHAM WAGHELA

SOFTWARE ENGINEER

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SUMMARY

Aspiring Full Stack Developer with hands-on experience in building web and mobile applications using React Native, Flutter, Node.js, and PostgreSQL. Developed ML-powered solutions including a dermatological analysis app and sentiment analysis tool using Python and NLP. Strong understanding of Agile workflows, cross-functional teamwork, and the complete development-to-deployment lifecycle.

EDUCATION

Shah and Anchor Kutchhi Engineering College (Computer Engineering)	**B.Tech - 2025**
Alpha. Jr College of Science and Commerce	**12th- 2021**
St. Thomas High School and Jr. College	**10th - 2019**

SKILLS

Languages : C++, Java, Python, Dart, Html, Css, Javascript, Php,
Database & Frameworks : React.js, React-Native, Laravel, Flutter, Firebase, MySQL, PostgreSQL
Design & Development Tools : Git, Github, Postman, Jira, Figma, Canva, Android Studio
Soft Skills : Collaboration, Communication, Ownership, Problem-Solving, Adaptability

PROFESSIONAL EXPERIENCE

Software Engineer Intern   **Jan 2025 - June 2025**
Impact Guru Technology Ventures Pvt. Ltd   Mumbai, India

- Developed and maintained backend APIs using PHP Laravel to support internal tools and improve admin operations.
- Resolved critical bugs, including incorrect slug counts and duplicate activity logs in the History Footprint module.
- Enhanced backend features such as form validation, password reset expiry logic, and user login UTM tracking to improve security and usability.
- Collaborated with cross-functional teams to launch new modules and improve UI workflows, including the FMC Story Page and Hospital Reactivation controls.
- Gained practical experience with Agile SDLC, Jira, and the complete development-to-deployment pipeline.

PROJECTS

Dremalyse App – Dermatological Analysis using Machine Learning   **July 2024 - May 2025**
Python, Flutter

- Identified the need for early **skin condition detection**, and set out to develop an app capable of **diagnosing 15 common skin diseases.**
- Designed a **cross-platform mobile app** using Flutter and **integrated a CNN-based image classifier** for dermatological predictions.
- Delivered a user-friendly tool enabling early detection, improving accessibility to dermatological insights.

Review Analysis Using NLP   **Jan 2024 - May 2024**
Python, JavaScript, Node.js

- Faced with unstructured travel review data, aimed to extract **meaningful sentiment insights** for user experience enhancement.
- Built a sentiment **analysis model using NLP**, integrated with a **review dashboard** using JavaScript and Node.js.
- Achieved **85% accuracy** in sentiment classification, helping highlight key feedback trends for strategic decision-making.

Travel It – Full Stack Tourist Info Platform   **July 2023 - Dec 2023**
HTML, CSS, JavaScript, Node.js, PostgreSQL

- Addressed the lack of centralized tourist information platforms, and aimed to build an **interactive travel portal with reviews**.
- Designed a **responsive frontend** with Bootstrap and CSS, and implemented backend functionality and data persistence using Node.js and PostgreSQL.
- Launched a functional platform that lets users explore, rate, and review destinations, enhancing travel planning experiences.

PetAdopt App – Pet Adoption Platform   **March 2025 - April 2025**
React Native, Firebase

- Recognized the difficulty of discovering pet adoption listings across sources, and set out to build a **two-way pet adoption platform.**
- Developed a **cross-platform app with React Native and Firebase**, enabling users to browse, post, and adopt pets.
- Delivered a **responsive, intuitive UI and real-time listing features**, simplifying the pet adoption process for users.