SIDDHI RAI

Ph: +91 72690 64234 — siddhirai13@gmail.com
linkedin.com/in/siddhi-rai-517455225 — github.com/siddhi-rai

Skills

ProgrammingLanguages: C++, Dart
Application Development: Flutter

State Management: Getx, Bloc
UI/UX Tools: Flutter's Material and Cupertino widgets

Education

Vellore Institute of Technology, Bhopal (2021-2025)
BTech in Computer Science (Core)   8.26 – CGPA

Coursework

Key Courses: Data Structures and Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming.

Academic Projects

Quick Taxi   Jul 22 - Oct 22
- Collaborated with a team of 5 to build a user-friendly taxi booking application.
- Developed the frontend using Flutter, prioritizing intuitive design and seamless user experience.
- Integrated robust backend services to enable efficient and reliable booking functionality.

CalmCloud   Jan 24
- Built an open-source Flutter app to assist individuals experiencing panic attacks, promoting mental health support.
- Implemented core functionality using Dart and C++, ensuring high performance and cross-platform compatibility for both Android and iOS devices.
- Designed and integrated a variety of calming exercises within the app, leveraging C++ for efficient algorithm implementation and real-time responsiveness.

SteadySteps   Mar 24
- Developed a Flutter-based mobile application targeting the elderly, focusing on wellness and mobility.
- Implemented a variety of guided exercises, designed to cater to the specific needs of seniors, enhancing their physical well-being.
- Utilized Flutter's cross-platform capabilities to ensure smooth performance on both Android and iOS devices.
- Emphasized accessibility and ease-of-use, incorporating user-friendly interfaces tailored for older demographics.

Experience

Ripple Healthcare Private Limited (Internship): Software Developer   Mar 24 - May 24
- Designed user interfaces for **'Sahyog,'** a Med-Tech product incubated at AIIMS and IIT Delhi, using Flutter.
- Collaborated on innovative solutions to prevent hip fractures among the elderly, which contributed to a **15%** improvement in user adoption and interaction, prioritizing safety and mobility.
- Contributed to the application development by coding user interfaces, ensuring a responsive and user-friendly experience, resulting in a **25%** reduction in UI-related bug reports.

Co-curriculars

Hackathon (Innovation Foundation, Pune): Project Athenaphilia   Feb 24
- Developed 'Athenaphilia,' an AI-powered teaching assistant utilizing natural language processing to enhance learning experiences.
- Focused on frontend development, creating an intuitive interface to improve student engagement and reduce response times.
- Gained hands-on experience with AI and machine learning models during the project.

Data Structures and Algorithms: Practicing on LeetCode and GeeksForGeeks.

Certifications

Certifications: Applied Machine Learning in Python, AWS (Cloud Practitioner), Software Development (Microsoft and LinkedIn), Flutter(Udemy).

Additional Information

Hobbies: Badminton, Cat's Cradle, Travelling.
Languages: Hindi, English.