SHAGEETHPRATHEEP VARATHARAJAN

COMPUTER ENGINEERING UNDERGRADUATE

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github.com/VSHAGEETHPRATHEEP06 🌐 shageeths-portfolio.vercel.app

Profile

A highly motivated Computer Engineering undergraduate at the University of Ruhuna, with expertise in Java, JavaScript, and frameworks like React.js, Spring Boot, and the MERN stack. Skilled in backend development, API design, and database management using MySQL and PostgreSQL. Experienced in building responsive web and mobile applications with Flutter and proficient in UI/UX design using Figma. Strong knowledge of version control (Git) and cloud services like Firebase. Seeking an internship to apply my technical skills in a dynamic environment, contribute to innovative projects, and gain professional experience in software development, testing, and deployment.

Education

Faculty of Engineering, University of Ruhuna Feb. 2022 – Present
Bachelor of Science in Computer Engineering *Galle, Southern Province*

G.C.E Advanced Level 2018 – 2020
Bt/Pd/Periyakallar Central College *Batticaloa, Eastern Province*
Z - Score: 1.8997

Experience

WIN CONSULT [www.win-consult.no] Feb 2024 – April 2024
Software Tester *Norway*
Project: A-Z Globe [www.a-zglobe.com]

- Conducted end-to-end testing to identify bugs, reported issues, suggested feature enhancements, and collaborated with the team to ensure product quality and usability.

Projects

Management Information System - Ongoing | *React.js, Spring Boot, PostgreSQL* **Aug. 2024 – Present**

- Leading Phase-2 development of the University of Ruhuna's MIS.
- Designing a responsive frontend using React.js and creating UI/UX prototypes in Figma.
- Implementing key functionalities for record management and enhancing communication between students, lecturers, and administrators.

Speech Therapy Mobile App - Ongoing | *Android Studio, Dart* **Dec. 2024 – Present**

- Developed a speech therapy mobile app using Dart and Flutter.
- Incorporated machine learning for pronunciation improvement through video and lip movement analysis.
- Designed an intuitive user interface for a seamless user experience.

Doctor Appointment Management System | *MERN Stack*   **Sept. 2023 − Feb. 2024**
- Built a Doctor Appointment Management System using the MERN stack.
- Enabled online appointment booking with CRUD functionality for managing doctors, patients, and appointments.
- Developed a responsive React-based user interface.

Doctor Appointment Mobile Application | *Android Studio, Kotlin, Firebase*   **Jul. 2024 − Nov. 2024**
- Developed a Doctor Appointment mobile app using Kotlin, Android Studio, and Firebase.
- Implemented features such as appointment booking, doctor management, and secure data storage.
- Designed a modern and user-friendly interface for enhanced usability.

Technical Skills

Languages: C++, Python, Java, JavaScript
Developer Tools: VS Code, IntelliJ, Git, Android Studio, Docker, Figma
Technologies/Frameworks: Spring Boot, React, .NET, MERN Stack, MySQL, PostgreSQL

Interests

Full Stack Web Development
Front-End / Back-End
Mobile Application
Dev-Ops
UI / UX
QA

References

Dr. Rajitha Udawalpola
PhD (Uppsala, Sweden),
BSc. Eng. (Hons)(Peradeniya)
Head & Senior Lecturer
Department of Electrical and Information
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