ABIVARSAN KETHEESWARAN

Software Engineer Intern

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Personal Profile

Experience in full-stack development, gained through coursework and a significant software project, using agile methodologies. Motivated to learn and contribute, seeking an internship to enhance technical expertise, collaborate with professionals, and contribute to impactful software solutions.

Education

University of Moratuwa	**March 2022 – Present**
BSc(Hons) Information Technology and Management	*Katubedda, Moratuwa*
St. John's College	**January 2011 – August 2019**
G.C.E A/L - Physical Science Stream	*Chundikuli, Jaffna*

Technical Skills

Programming Languages: Java, C, C#
Web Technologies: HTML, CSS, JavaScript, TypeScript, Material UI, Tailwind CSS (Beginner), Three.js (Beginner)
Mobile Technologies: Flutter (Beginner)
Frameworks: React.js, .NET, Spring Boot(Beginner)
Database: MS SQL, MySQL
Cloud Services: Firebase
Version Control: Git
IDEs and Tools: VS Code, Visual Studio, IntelliJ, GitHub, Postman, Code Blocks, Docker(Beginner)

Projects

Uni Tutor Platform — 2nd Year Software Project | *Frontend Repo* | *Backend Repo*   **2024**
- Collaborated with a team to develop the Uni Tutor Platform, connecting students with lecturers and undergraduates. Built an Admin Dashboard with features for tutor verification, user management, and report analysis. Contributed to platform functionalities like profiles, subject management, chat, reviews, a coin bank, and performance analytics.
- Technologies: React.ts, .NET, MS SQL, Firebase

Personal Website — Portfolio | *GitHub*   **2024**
- **Developed a personal portfolio website** featuring an overview section, downloadable CV option, education and projects showcase, and a contact section with automated email functionality using EmailJS, with engaging 3D visuals for enhanced user experience.
- Technologies: React.js, Three.js

Workforce Management System — 3rd Year Software Project (Ongoing) - Individual   **2024**
- Developing a comprehensive Workforce Management System integrating features like time tracking, task management, video conferencing, and performance analytics, with real-time updates, mobile access, and AI-driven task assignment for enhanced productivity and collaboration.
- Technologies: React.ts, .NET, MS SQL, Firebase, Flutter

E-Commerce Platform — Microservice Architecture related project(Ongoing) | *Frontend Repo* | *Backend Repo* **2024**
- Developing a project using microservice architecture with services like user, product, notification (Kafka and Zookeeper), inventory, order, tracking, and delivery. Integrated with Eureka Discovery Server and API Gateway for seamless communication and scalability.
- Technologies: React.js, Spring Boot, My SQL, Firebase, Docker

Soft Skills

- Verbal Communication
- Problem Solving
- Attention to Detail
- Responsiveness
- Team Work

Extracurricular Activities

Secretary, Science Union 2018, St. John's College, Jaffna
Secretary, St. John's Ambulance 2018, St. John's College, Jaffna
Industry Visit and Organizing Team Building Event, Organizing Committee 2023, Creative Software
Participation, HackMoral 6.0 2024, INTECS, Batch21, FIT, UOM
Participation, Monthly Code Surge 2024, Pagero
Participation, AlgoXplore 1.0 2024, NSBM Green University

References

Dr. Lochandaka Ranathunga, Senior Lecturer	**Poornima Muthukuda, Lecturer**
Faculty of Information Technology	Faculty of Information Technology
University of Moratuwa	University of Moratuwa
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