

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

BSc(Hons) Information Technology and Management

March 2022 – Present

Katubedda, Moratuwa

St. John's College

G.C.E A/L - Physical Science Stream

January 2011 – August 2019

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

Database: MS SQL, MySQL

Cloud Services: Firebase

Version Control: Git

IDEs and Tools: VS Code, Visual Studio, IntelliJ, GitHub, Postman, Code Blocks

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

Automated Coffee Making Machine — 1st Year Hardware Project | *Machine Code Repo*

2023

- Collaborated with a team to design an automated tea-making system, enhancing user experience with features like type selection (strong, medium, plain). Contributed by designing the PCB and developing a cup dispenser mechanism using a modified separator wheel and belt system for seamless cup delivery.
- Technologies:** Arduino Mega, C, Blender, Proteus, Atmel Studio

Soft Skills

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

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

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Poornima Muthukuda, Lecturer

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