

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

Frameworks: React, ASP.NET Core, Spring Boot

Database: MS SQL, MySQL

Cloud Services: Firebase

Version Control: Git

IDEs and Tools: Vs code, Visual Studio, IntelliJ, GitHub, Postman, Code Blocks, Docker, Figma

Projects

Uni Tutor Platform — 2nd Year Software Project | *Front-end* 🐙 | *Back-end* 🐙 2024

- Collaborated with a team of five to design and develop the Uni Tutor Platform, connecting students with university lectures and undergraduates to enhance learning. Built key features including user registration, profile, subject management, and a chat system. Utilized advanced tools to implement search and filter options, review and rating systems, a coin bank, and sections for comments, to-dos, and friend invitations.
- Contribution:** Built Admin Dashboard, Developed and implemented admin maintenance features to verify tutors by their university ID for platform access. Built functionalities to suspend, restore, and remove users, and to view platform comments and individual user details. Analyzed user reports and utilized charts to assess platform performance and trends.
- Technologies:** React with TypeScript, ASP.NET Core, MS SQL, Firebase

Microservice Architecture related project | *Front-end* 🐙 | *Back-end* 🐙 2024


- Collaborated in a team of six to develop an e-commerce enterprise application named TECHHUB using a microservices architecture. The project featured key microservices, including user management, product management, order processing, inventory, notifications, delivery, and tracking, along with Kafka for notifications, Stripe for payments, and microservices integration.
- Contribution:** Conducted thorough testing of all services using Postman, integrated databases for all microservices, and set up the API Gateway. Played a key role in the design, implementation, and maintenance of the order service, including features like charge, place order, complete order, and tracking. Configured Kafka messaging for notifications and integrated the Stripe payment gateway for seamless transactions.
- Technologies:** ReactJs, Spring Boot, My SQL, Firebase, Docker, Kafka, Zookeeper

Employee Management Application — Model View Controller | *GitHub* 🐙 2024


- Developed an Employee Management Application using ASP.NET Core MVC, enabling administrators to add, edit, and remove employees while also incorporating a working days calculation feature that excludes holidays.
- Technologies:** ASP.NET Core MVC

Workforce Management system — 3rd Year Software Project(Ongoing)- Individual 2024 - present

- Developing a comprehensive platform integrating features like time tracking, task management, video conferencing, and performance analytics, inspired by tools like Asana, Trello, and Slack. Includes real-time updates, mobile access, and AI-driven task assignment to enhance productivity and streamline team collaboration.
- Technologies:** React with TypeScript, ASP.NET Core, MS SQL, Firebase

Top Speed Auto Mobile — Model View Controller(Ongoing) | *GitHub*  **2024 - present**

- **Developing a vehicle advertisement Application** using MVC, allowing customers to view vehicle images, brands, and prices while enabling admins to add, edit, and remove vehicle listings.
- **Technologies:** ASP.NET Core MVC

Task Manager Application — Model View Controller(Ongoing) | *GitHub*  **2024 - present**

- **Developing a user task manager**, allowing users to log in with their email and password, create new user accounts, reset passwords through a forgot password option, and manage tasks by creating, modifying, and removing them.
- **Technologies:** ASP.NET Core MVC

Soft Skills

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

Languages

- English(Professional Working Proficiency)
- Tamil(Native)

Interests

- Playing Football
- Reading articles

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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