

ISHAN DAKSHINA

FULL-STACK DEVELOPER INTERN

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ABOUT

Innovative and passionate software engineering undergraduate with a keen interest in full-stack development, especially in Java development. I thrive on transforming ideas into functional, user friendly applications and am driven by the challenge of solving complex problems through creative solutions. My ability to learn quickly and adapt to new technologies and environments keeps me ahead in dynamic settings. I am dedicated to crafting thoughtful, well structured solutions that deliver reliable and impactful results. With strong communication skills and a collaborative mindset, I enjoy working as part of a team to bring ideas to life while fostering a positive and productive environment. Eager to embrace new challenges and continuously grow as a developer.

PROJECTS

EYEDRA -(Clarity - Connection - Care)

2025

Software Development Group Project: Role - Full-stack Developer

- A social platform, solely focusing on mental wellbeing designed to support users through digital companionship and safe spaces for self-expression. An innovative mobile platform to overcome mental distress.
- **Key Technologies** - Flutter, Java Spring Boot, MySQL, MongoDB JWT, React, Docker, Kubernetes

Contribution -

- Led a team of 6 members as a Full Stack Developer, guiding the development and architecture of the project.
- Fully engaged in backend development using Java Spring Boot with a microservice architecture to ensure scalability, performance, and maintainability.
- Contributed to the Flutter front end, implementing key features and ensuring a responsive user experience.
- Developed the administration dashboard using React Vite.js to enable dynamic content management and efficient data handling.
- Implemented containerization and deployment using Docker and Kubernetes to achieve seamless scalability and efficient resource management.
- Collaborated closely with the team to integrate advanced features, including AI-driven chatbots and AR-enabled Virtual Campfire sessions.

Buying and Selling Platform Frontend - (Hadisi.LK)

2024

Web Based group project: Role - Frontend Developer

- Developed the frontend of a dynamic e-commerce platform that facilitates buying and selling, providing a seamless and user-friendly experience.
- **Key Technologies** - Angular

Contribution -

- Implemented responsive and dynamic UI components to enhance the user experience and maintain a professional look.
- Integrated product listing, search, and filtering features to facilitate efficient product browsing.
- Ensured cross-browser compatibility and mobile responsiveness to support a wide range of devices.

Dice Roll App

2025

Individual Project

- A mobile game developed using Kotlin and Jetpack Compose where a human player competes against the computer by rolling five dice simultaneously.
- **Key Technologies** - Kotlin along with JetPack compose

Contribution -

- Developed the entire game using Kotlin, covering all Kotlin basics and OOP concepts.
- Built the UI using Jetpack Compose, ensuring a smooth and interactive user experience.
- Implemented core game logic, including scoring, rerolling mechanics, and win/tie conditions.

Event Management Platform - (EventPass.lk)

2025

Ongoing Group Project: Role - Full Stack Developer

- A platform where users can buy tickets for various events and event organizers can create and sell their event tickets directly on the platform. The system features a seamless login for customers and sellers with role-based access. It ensures secure transactions, easy event management and a smooth event booking experience.
- **Key Technologies** - React - Vite.js, Node JS - Express JS, Tailwind CSS, Bootstrap, MongoDB, Socket.io

Contribution -

- Ongoing frontend development using React- Vite.JS, creating responsive and intuitive user interfaces for both customers and event organizers.
- Building the backend using Node.js and Express.js, implementing robust and scalable RESTful APIs.
- Real-time features with Socket.io, providing instant notifications and booking confirmations.
- Utilizing MongoDB to manage event and booking data efficiently, ensuring fast data retrieval and updates.

EDUCATION

BEng. (Hons) Software Engineering

2023 - Present

Informatics Institute of Technology (IIT)

- Currently pursuing a BEng. in Software Engineering at IIT, affiliated with the University of Westminster, UK. Focused on building a strong foundation in software development, problem-solving, and innovation to excel in the field of engineering.

TECHNICAL SKILLS & TOOLS

Java - Intermediate	Javascript - Intermediate
Spring Boot - Intermediate	Typescript - Beginner
Java FX - Intermediate	MySQL - Intermediate
Python - Beginner	React.js - Beginner
HTML - Intermediate	Angular - Intermediate
CSS - Intermediate	MongoDB - Beginner
SCSS - Intermediate	Node.JS/ Express - Beginner
Postman - Intermediate	C# ASP .NET - Beginner

CONCEPTS

Object Oriented Concepts
Design Patterns
Layered Architecture
MVC Architecture
Microservices Architecture
Software Development Life Cycle
Database Management
Version Control

REFERENCES

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DECLARATION

I confirm that the details mentioned in this resume are accurate, free of mistakes and complete to the best of my knowledge.

Ishan Dakshina.