KANISHKA ZOYSA

SOFTWARE ENGINEER INTERN

CONTACT

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SKILLS

PROGRAMMING LANGUAGES

- C
- java
- C#

WEB DEVELOPMENT

FRONT-END

- HTML
- JavaScript
- CSS
- React
- NextJs
- TypeScript
- WordPress
- ThreeJs

BACK-END

- NodeJs
- ExpressJs
- .NET
- OpenAI
- Google Cloud - API

DATABASES

- MongoDB
- MSSQL
- MySQL
- PostgreSQL
- AppWrite Cloud

MOBILE DEVELOPMENT

FRONT-END

- ReactNative
- JavaScript
- TypeScript
- Expo
- NativeWind

PROFILE

As an IT undergraduate, I am eager to leverage my academic knowledge and practical skills in real-world scenarios, working closely with industry professionals to deliver impactful solutions. With a strong foundation in software engineering and proven leadership experience, I am adaptable and collaborative, focused on meeting organizational goals. Through this internship, I aim to stay at the forefront of emerging technologies and contribute to delivering meaningful outcomes within the IT industry.

EDUCATION

Revatha National College - Galle
Advanced-Level - Physical Science
2018 - 2020

- District Rank - 173 (New Syllabus)
- A - Combined Maths
- B - Physics
- B - Chemistry

University of Moratuwa
B.Sc. (Hons) Information Technology
2022 - present

- GPA - 3.4

PROJECTS

FieldMaster - Land management Application ▶ LIVE </>
12/2023 - 07/2024

- Front-end(web)   -   ReactJs
- Front-end (Mobile) -   React-Native , Expo
- Back-end   -   Node js , Express js
- Database   -   MongoDB

For my second-year project, mentored by TurboGen(pvt.Ltd), as a team leader I led API development for seamless communication between the front-end and back-end on both mobile and web platforms. my responsibilities included user authentication, management, admin control, drawing walking paths on maps, and calculating the area and perimeter of land measurements of both mobile and web. This resulted in a functional and efficient solution tailored to user needs.

DEVOPS TOOLS

- Docker
- DockerHub
- Docker-Compose
- Kubernetes

VERSION CONTROL

- Git

PROJECT MANAGEMENT

- GitHub
- Jira

HOST & DOMAIN PROVIDERS

- Azure
- Vercel
- NameCheap DNS

OPERATING SYSTEMS

- Windows
- Linux

APPLICATIONS

- VS Code
- WebStorm
- MS Visual Studio

LANGUAGES

- English
- Sinhala

SELF LEARNING

- **Docker** : Acquired knowledge on creating Docker images and pushing them to Docker registry and all other tools with Azure.
- **Search Engine Optimization (SEO):** Studying techniques and strategies to optimize website visibility and ranking on search engines.
- **Azure Portal:** Gaining experience with Azure portal for cloud management and deployment.

SOFT SKILLS

- Leadership
- Team Work & Player
- Adaptability
- Problem solving
- Time Management
- Willingness to learn

REFERENCE

Mr . Thilina Prabash Bopage
Technical Lead
TurboGen (Pvt.Ltd)
Phone: +94 (71) 289 3120
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Dr . Supunmali Ahangama
Senior lecturer
University of Moratuwa
Phone: +94 (71) 48 66 652
Email : supunmali@uom.lk

ExpenseTracker - Web Application </>
08/2024 - 09/2024

- Front-end - Html , CSS , JavaScript, Syncfusion UI
- Back-end - ASP .NET , C#
- Database - MS SQL

Developed a web application for personal finance management, featuring an intuitive interface for tracking incomes and expenses with automatic balance calculation. Implemented interactive graphical charts to provide users with visual representations of their financial data and trends.

Insta - Social Media Web Application ▶ LIVE </>
04/2024 - 06/2024

- Front-end - React , TypeScript
- Back-end - Node js , Express js
- Database - AppWrite Cloud

Developed a comprehensive, mobile-responsive social media application. Implemented essential features typical of social media platforms to gain hands-on experience in full-stack development.

Ryde - Mobile Application (on going) </>
08/2024

- Front-end - ReactNative , Expo , TypeScript
- Database - PostgreSQL

Developing a sophisticated ride-sharing mobile application featuring real-time vehicle tracking and secure payment processing. The app offers a seamless user experience for both riders and drivers.

3D-T-shirt Customizing web Application </>
07/2024 - 08/2024

- Front-end - ReactJs , ThreeJs
- Back-end - AI Powerd (OpenAi)

Developed an interactive web application for T-shirt customization, featuring dynamic design tools for colors, logo.Integrated AI-powered functionalities in the back-end to enhance the customization process.

Indoor Automated Hydroponic Farming Chamber - Hardware
08/2022 - 08/2023

- Arduino

As a team leader I developed an indoor farming system as a first-year hardware project ,focusing on creating an efficient and sustainable farming environment. The project involved designing and implementing a PCB, integrating various sensors, and constructing an optimized structure for indoor farming. Our project was showcased at the "Exmo" 2023 exhibition.

ACHIEVEMENTS

Duothan 4.0 -2024
Organized By - NSBM Green University

- Finalist