

Ahamed Munsif

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About Me

Third-year Computer Engineering student at the University of Ruhuna with a passion for software development and Machine learning. Proficient in Python, Java, JavaScript and C++, I have hands-on experience with development tools and frameworks. I am seeking a six-month internship to apply my skills, contribute to research and product development, and grow by working on innovative projects.

Education

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|---|-------------|
| BSc (Hons) in Computer Engineering University of Ruhuna | 2022 – 2026 |
| <ul style="list-style-type: none"> ◦ GPA: 3.51/4.0 ◦ Related coursework: Web application development, Mobile Application, Artificial Intelligence, Problem solving using algorithms, Machine learning, Computer Architecture, Data structures and Algorithms, Design patterns, Operating System and Network programming, Computer Network, GUI development, Embedded Systems, Object-Oriented Programming, Databases and Systems, DevOps Engineering. | |

Experience

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|---|---------------------|
| Freelance Video Editor Fiverr | Dec 2023 – Mar 2024 |
| <ul style="list-style-type: none"> ◦ Mastered video editing techniques working with real clients, managing deadlines, and building a personal brand. | |
| Graphic Designer Exiga Software Solutions Pvt Ltd (Remote) | Apr 2023 – Jun 2023 |
| <ul style="list-style-type: none"> ◦ Designed graphics for flyers, social media posts, and promotional videos to attract customers. | |

Projects

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|--|------------------------|--------------------------------|
| Automated Paper Grading System | Ongoing | AutoGradePro 🔗 |
| <ul style="list-style-type: none"> ◦ A tool for lecturers to grade short answers, including lists, numerical values, and short phrases (Code Snippets). Customizable grading, handles diverse file formats, and ensures accurate, efficient, and fair scoring. ◦ Technologies: Django, Next.js, PostgreSQL, NLP, LLM (Llama), TailwindCSS, Framer Motion, TypeScript | | |
| Full-Stack E-Commerce Platform | Demo 🔗 | Zephyr Wears 🔗 |
| <ul style="list-style-type: none"> ◦ A MERN-based full-stack web application including an admin panel for managing products, orders, and customers, with full CRUD functionality. ◦ Technologies: ReactJS, NodeJS, ExpressJS, Redux, MongoDB, JWTs, TailwindCSS | | |
| Crypto Currency Trading Application | Ongoing | CoinXcel 🔗 |
| <ul style="list-style-type: none"> ◦ A Crypto Currency Trading Platform where users can trade with real-time Crypto currency values but with not real money. ◦ Technologies: SpringBoot, NextJS, MySQL, TailwindCSS, Framer Motion, JWTs, Redux, Jenkins, Docker, Terraform, AWS EC2 | | |
| Concrete Strength Prediction using Machine Learning | | Github 🔗 |
| <ul style="list-style-type: none"> ◦ Predict the compressive strength of concrete using machine learning techniques. Quantitative measurements of concrete components and resulting compressive strength. ◦ Technologies: Linear Regression, Support Vector Machine (SVM) | | |
| Flutter-Based Daily Calorie Tracker App | Demo 🔗 | CalorifyME 🔗 |
| <ul style="list-style-type: none"> ◦ Built a Flutter app for tracking meals, calories, and macronutrients with personalized goals. ◦ Technologies: Flutter, Dart, Firebase, Firestore | | |

Multiplayer Quiz Game using Socket Programming

[Demo](#) 

[Github](#) 

- Built a multiplayer quiz game using socket programming in Python where the questions are managed on the server.
- Technologies: PyGame, Python Socket, TCP

Munsif-Dev-Portfolio

[Portfolio - Website](#) 

- Developed a portfolio website to showcase projects and achievements.
- Technologies: Next.JS, Tailwind CSS, Framer Motion, Vercel, Resend - Serverless Email API

Skills

Front-end Development: React.js, Next.js, Tailwind CSS, Framer Motion, Redux, JavaScript, TypeScript.

Back-end Development: Node/Express, Django, Java/Spring Boot, Spring Security.

Mobile Development: Flutter/Dart.

Databases: PostgreSQL, MySQL, MongoDB, Firebase, Firestore.

DevOps and Cloud Computing: Linux, CI/CD, Docker, Kubernetes, Jenkins, Terraform, Ansible, AWS.

Tools and Technologies: Git/GitHub, Jira, Figma, Agile development, PyGame, Socket Programming.

AI Development: LLM Integration, RAG, Finetuning.

Machine Learning: NumPy, Pandas, Scikit Learn, EDA.

Soft Skills: Problem Solving, Attention to Detail, Communication, Collaboration.

Certificates

Introduction to Containers / Docker, Kubernetes & OpenShift - IBM, Coursera

Getting Started with Git and GitHub - IBM, Coursera

Databases and SQL for Data Science with Python - IBM

Agile Dev Practices: SDLC & Project Management - Northeastern University

Introduction to DevOps - IBM

Supervised Machine Learning: Regression and Classification - IBM


Application Development using Microservices and Serverless - IBM

Continuous Integration and Continuous Delivery (CI/CD) - IBM

Activities

Presented our project at the Innovative project, INSL Southern Province competition!	Dec 2024
HaXtreme 3.0 organized by IEEE Student Branch at the University of Ruhuna	Nov 2024
HaXtreme 2.0 organized by IEEE Student Branch at the University of Ruhuna	Oct 2023

References

Dr. Geeth Priyankara
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