

A dedicated and hard working Computer Science and Engineering undergraduate with strong foundations in Python and Java programming. Skilled in full-stack web development with hands-on experience in building responsive and user-friendly applications. Passionate about solving real-world problems through software and continuously learning emerging technologies to improve development efficiency and system performance.

EDUCATION

Bachelor of Science in Computer Science and Engineering

*University of Moratuwa, Sri Lanka
March 2024 - Present*

Relevant Coursework: Data Structures and Algorithms, Computer Organization, Program Construction, Operating Systems, Database Systems, Networking, Computer Architecture, Artificial Intelligence
CGPA: 3.60 / 4.00

GCE Advanced Level

*Zahira College, Kalmunai
June 2020 - February 2023*

Relevant Coursework: Combined Mathematics, Physics, Chemistry, General English
Grades: Combined Mathematics - A, Physics - A, Chemistry - A, General English - A (Z-Score 2.33)(Merit List)

GCE Ordinary Level

*Al-Misbah Maha Vidyalaya, Kalmunai
January 2009 - December 2019*

Relevant Coursework: Mathematics, Science, English, History, Tamil, Islam, Commerce, Health & P.E., Tamil Literature
Grades: 9 A's

PROJECTS

Snake Game – Java (Nokia Style)

April 2025

Personal Project | Java, OOP, Swing, Game Development

- Created the classic Snake Game using Java.
- Customized graphics and controls to mimic the retro Nokia keypad phone game style.
- Applied Object-Oriented Programming (OOP) principles to structure the code with classes and objects.
- Implemented game loop logic, real-time user input handling, and basic GUI using Java Swing.

Personal Portfolio Website

July 2025

React, Tailwind CSS / Hosting Platform (Firebase)

- Designed and developed a responsive personal portfolio website to showcase my projects, skills, and contact information.
- Implemented smooth navigation, reusable components, and a clean UI with Tailwind CSS for a mobile-friendly experience.
- Visit my portfolio: <http://yusriahamed.engineer>

E-Commerce Web Application

Aug 2025

Next.js, Tailwind CSS, Node.js, Express.js, MongoDB (Mongoose)

- Developed a full-stack shopping platform with product browsing, category filtering, search functionality, and cart management.
- Implemented secure authentication with password hashing, and linked user carts to products using MongoDB collection references.

TECHNICAL SKILLS

- **Frontend:** HTML, CSS, JavaScript, React, Next.js, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express, Laravel, PHP
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Version Control:** Git, GitHub
- **Programming Languages:** Python, Java, C++, C
- **Designing Tools:** Canva
- **Documentation Tools:** Microsoft Office Suite, Google Docs

CERTIFICATES

- Introduction to Front-End Development - Meta (Coursera)
- Programming for Everybody(Getting Started with Python) - University of Michigan (Coursera)

LANGUAGE PROFICIENCY

- English
- Tamil(Native)
- Sinhala

EXTRACURRICULAR ACTIVITIES

- Member - An-Nusar Open Scout Group
- Member - The First Aid group of Zahira College