

# Mohamed Ilham

## Software Engineer

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Enthusiastic and self-motivated Software Engineer with a Bachelor's Degree in Computer Science and hands-on experience developing full-stack applications and software projects. Skilled in object-oriented programming, web development, and problem-solving. Eager to apply technical knowledge and continue learning in a dynamic software development role.

## EDUCATION

### BACHELOR OF BENG (HONS) IN SOFTWARE ENGINEERING

ESOFT Metro Campus (2022 - 2023)

### HIGHER NATIONAL DIPLOMA IN SOFTWARE ENGINEERING

BCAS Campus (2019 - 2021)

### GCE ADVANCED LEVEL

Zahira National College (2017)

### GCE ORDINARY LEVEL

Zahira National College (2014)

## SKILLS

### PROGRAMMING LANGUAGES

Python, Java, C++, JavaScript

### WEB DEVELOPMENT

HTML, CSS, React.js, Node.js

### DATABASES

SQL, MongoDB

### TOOLS & TECHNOLOGIES

Git/GitHub, REST APIs, Postman, Docker

## EXPERIENCE

### CLOUDTECH SOLUTIONS • SOFTWARE ENGINEERING INTERN

2022-NOW, REMOTE

Assist in designing, developing, testing, and debugging software applications. Gain hands-on experience in coding, troubleshooting, and Agile workflows while enhancing problem-solving and teamwork skills.

- Optimized SQL queries, improving page load speed by 25%.
- Assisted in debugging, testing, and maintaining existing software features.
- Actively participated in Agile ceremonies, including daily stand-ups, sprint reviews, and retrospectives.

## PROJECTS

### WEB-BASED TASK MANAGER APP

Technologies: React.js, Node.js, MongoDB, REST APIs

- Developed a dynamic task management application with CRUD functionality.
- Implemented user authentication and session management using JWT.
- Improved performance by optimizing database queries and using Redux for state management.

### AI CHATBOT FOR MENTAL HEALTH SUPPORT

Technologies: Python, Flask, NLP, TensorFlow

- Built an AI-powered chatbot capable of offering mental health support and answering FAQs.
- Designed and trained the model using sentiment analysis and natural language processing (NLP).

### E-COMMERCE PLATFORM (FULL-STACK)

Technologies: HTML, CSS, JavaScript, MySQL

- Developed a full-stack e-commerce website, allowing users to browse, add to cart, and purchase items.
- Created an admin dashboard for tracking orders, managing users, and monitoring inventory.

## CERTIFICATIONS

### PYTHON FOR DATA SCIENCE CERTIFICATION

2022-Coursera

### FULL-STACK WEB DEVELOPMENT CERTIFICATE

2023-Coursera