

HASIB IQBAL

Hamburg, Germany

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hasibiqbal.dev

hasib-iqbal

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EDUCATION

MSc in Global Software Development

Fulda University of Applied Sciences

Oct 2024 – Present

Fulda, Germany

BSc in Computer Science and Engineering

Khulna University of Engineering & Technology

Apr 2015 – Mar 2019

Khulna, Bangladesh

RELEVANT CERTIFICATIONS

Meta Frontend Developer Professional Certificate

Meta, Credential ID: JTQPSX9HFH63

AWS Cloud Quest: Solutions Architect

Amazon Web Services (AWS) Training and Certification

Deep Learning Specialization

Coursera, Credential ID: 3EXAZNYXHMEA

Machine Learning

Coursera, Credential ID: 984EYX6GVUJH

TECHNICAL SKILLS

Languages	TypeScript, JavaScript [ES6], Python3, HTML5, CSS3
Libraries	React, Material-UI, Mongoose
Frameworks	Express.js, Tailwind CSS, Bootstrap
Databases	MySQL, MongoDB
Tools	Node.js, Redux Toolkit, OpenAPI [Swagger], Git, Docker, Jenkins, JIRA, Kanban, Figma
Test tools	Jest [Unit Test], React Testing Library [Integration Test], Cypress [E2E Test]

ACHIEVEMENTS

Innovation Challenge : IEEE SS12

Finalists Award, Secured 5th place among 26 teams from 8 countries.

Sep 2018

Colombo, Sri Lanka

- Collaborated with a team of four on a computer vision-based wheelchair control and task management system operated using eye gaze, head movement, & blink detection for disabled individuals.
- Engineered a computer vision-based deep learning model to track real-time eyeball movement across six categories; achieved over 90% accuracy.

EXPERIENCE

Gained 6 months of academic project experience after starting to learn relevant technologies 15 months ago, despite having no previous industrial experience.

PROJECTS

Help Me Learn

Developed a platform for university students to provide and search for tutoring services.

Mar 2024 – Present

Code

Key Technologies: React, Redux-Saga, Node.js, Express.js, MySQL, JWT, Bootstrap.

- Built 'RESTful APIs' with Node.js and Express.js and responsive user interfaces using React, including components for course searching, conditional selection, and secure user authentication.
- Implemented real-time chat functionality with Socket.io, ensuring secure communication, role-based access control using JWT tokens and middleware for user authentication and authorization.

Splitwise Web

Developed an expense tracking web application with a settlement feature for shared spending in a group.

May 2024 – Aug 2024

Code

Key Technologies: React, Node.js, Express.js, MongoDB, Material UI, JWT.

- Structured and optimized algorithm for precise expense splitting & debt settlement.
- Designed an expense tracking system with features like bill splitting, expense categorization, and detailed expense reports. The system works with 30 REST APIs to ensure strong performance and a wide range of capabilities.

SafeAccess

Constructed a microservice for authentication and authorization from scratch, providing secure access control.

May 2024 – Jul 2024

Code

Key Technologies: React, Node.js, Express.js, MongoDB, Tailwind CSS, JWT.

- Created a comprehensive authentication microservice from scratch using Node.js, Express, and React. Utilized 'Bcrypt' for secure password hashing to ensure high-level security standards and protect sensitive user data.
- Implemented a role-based authorization mechanism within the microservice, utilizing access and refresh tokens for secure and seamless authentication and authorization processes.

Portfolio Website

Showcased development skills, key projects, and achievements on a professional portfolio website.

Code

Key Technologies: React, Node.js, Gmail API, Material UI.

- Designed & prepared the website using React, which includes dark and light themes, multi-language support. Dedicated sections for education, skills, projects, hero banner & contact.

DevOps Pipeline

Automated Deployment Pipeline for the web applications.

Key Technologies: Jenkins, Docker, Kubernetes.

- Built CI/CD pipelines with Jenkins to automate build, test, and deployment processes. Deployed projects on VPS for seamless code integration and delivery.
- Containerized the applications with Docker, and Kubernetes orchestrated the applications to ensure scalability and reliability.

Hasib Iqbal

Hamburg, 27.07.2024