

Minhaj Islam

Full-Stack Software Developer

As a full-stack software developer with extensive knowledge of modern JavaScript, I bring to the table a proven record of deploying projects with modern frameworks and libraries. My background in climate data analytics and passion for programming led me to get into software development through an immersive bootcamp. I am a lifelong learner who strives to turn problems into solutions in analytical yet creative manner.



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SKILLS

Languages	JavaScript, TypeScript
Frontend	HTML5, CSS3, React, Angular, React Native, Redux, Bootstrap, Tailwind, SASS
Backend	Node.js, Express, SQL(PostgreSQL), NoSQL(MongoDB), RESTful API, Firebase, AWS lambda
Testing and monitoring	Jest, Enzyme, React Testing Library, Jest-Cucumber, Puppeteer, Atatus
Developer and design Tools	GitHub/Git version control, npm, Webpack, Babel, Agile Methods, Kanban, Scrum, Figma, Adobe Creative Suite

APPLICATION DEVELOPMENT EXPERIENCE

ChatMate Mobile App | React Native Developer (12/2023 - 01/2023)

- Used Expo with **React Native** to build a chat app that allows users to share text messages, images and their location.
- Utilized **Firebase's Cloud Firestore** to store data and to provide real-time synchronization among connected devices.

Meet App | Software Developer (11/2022 - 12/2022)

- Built a serverless, progressive web application (PWA) with React which allows users to search for tech events by city.
- Implemented a **test-driven development (TDD)** approach, including writing **unit and integration tests**, as well as utilizing **Puppeteer** to run **end-to-end tests**, ensuring seamless user experience throughout the app.
- Created an authorization server using **AWS Lambda** for issuing OAuth2 tokens and enabling secure access to Google Calendar API data.

Movie API & React App | Full Stack Web Developer (09/2022 - 11/2022)

- Built the backend of the web app by creating a RESTful API using **Node.js** and the **Express.js** framework.
- Stored movie data in **MongoDB** and implemented business logic with **Mongoose** to integrate the data layer with the rest of the application.
- Implemented a user registration and login system with secure authentication using **JSON Web Tokens (JWT)**.
- Used **React** to build a SPA that fetches data from the API and allows users to add movies to their list of favorites.

EDUCATION

Full Stack Web Development Bootcamp CareerFoundry GmbH

09/2022 - 02/2023

Germany (Remote)

Courses/Specialization

- 900+ hours of professional training with 50+ assignments reviewed and approved by a 1:1 industry expert mentor and tutor.
- Mastered concepts ranging from REST architecture, object-oriented programming, test-driven development, agile methodologies and collaborative and creative problem solving.

Master of Science, Environmental Management Kiel University

10/2018 - 03/2022

Kiel, Germany

Courses/Specialization

- Climate Data Analytics and Visualization, R Programming, Geographic Information System
- Thesis: Evaluating the suitability of global climate data to simulate hydrologic process in Lake Tana Basin, Ethiopia

PROFESSIONAL EXPERIENCE

Erasmus+ Trainee: Communication Design Nordic Unique Travels

04/2022 – 06/2022

Rovaniemi, Finland

Achievements/Tasks

- Collaborated with the marketing team to develop audio-visual contents related to tourism in Lapland for website, blog, and social media, resulting in a significant increase in website traffic and generated positive feedback across multiple platforms.

Working Student: Multimedia Design Universitätsklinikum Schleswig-Holstein

07/2021 – 03/2022

Kiel, Germany

Achievements/Tasks

- Filmed and edited compelling fundraising videos through the use of emotional storytelling and powerful impact statements resulting in millions of euros in donations, directly contributing to the improvement of people's health through the realization of medical projects.

Scientific Assistant: E-learning European University of the Seas (SEA EU)

03/2021 – 12/2021

Kiel, Germany

Achievements/Tasks

- Created alternative texts, captions and audio description for e-learning websites, resulting in barrier-free access to Massive Open Online Courses (MOOCs) and improved user-friendliness.

LANGUAGES

English

Full Professional Proficiency

German

Professional Working Proficiency

Bengali

Native or Bilingual Proficiency

INTERESTS



Audio-visual
storytelling



Intercultural
exchanges



Hiking