

# FAHIM ORKO

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[Portfolio](#) [GitHub](#) [LinkedIn](#)

## SUMMARY

Third-year IT student nearing graduation with experience in front-end and full-stack development. Skilled in TypeScript, Next.js, React, Node.js, and databases. Strong focus on building functional applications with simple, user-friendly interfaces

## WORK EXPERIENCE

### Software Development Intern | BrainBites AI

Oct 2024 - Jan 2025

- Collaborated with CTO and technical team to design and implement new platform features
- Developed a scalable web scraper app to automate testing workflows
- Migrated legacy codebase from Vue.js to React and TypeScript, improving maintainability
- Executed 40+ test cases to validate workflows, uncover edge cases, and verify feature reliability
- Logged and documented 20+ bugs, including severity levels and proposed fixes to enhance performance

## LEADERSHIP & ACTIVITIES

### Development Jam | Centria UAS | Front-End Team Lead

Apr 2024 - May 2024

- Led our front-end development team of international students in a collaborative project with German partners
- Built a website to display global natural disaster data and simulate earthquake aftershock predictions
- Coordinated team tasks, integrated front-end code with APIs, and improved routing for seamless functionality
- Enhanced collaboration by delegating tasks, aligning development standards, and ensuring project delivery

## TECHNICAL SKILLS

- Front-End:** React.js, Next.js, Tan Stack, Redux, Cypress, Jest, GSAP, Tailwind CSS, HTML, CSS, jQuery, EJS
- Back-End:** Node.js, Express.js, Jest, MongoDB, Mongoose, SQL, REST, GraphQL, WebSockets
- Full-Stack Development:** Designing and implementing scalable web applications, integrating APIs and back-end technologies
- Programming Languages:** JavaScript, TypeScript, Python
- Tools & Version Control:** Git, GitHub, GitHub Actions, Docker

**Languages:** English, Bangla

## PROJECTS

### The Blue Oasis | Cottage Booking Web Application

**Technologies:** Next.js, NextAuth, Supabase, Tailwind CSS

- Built a responsive web application for booking cottages with user authentication and secure session management
- Implemented user authentication and authorization using NextAuth and Supabase
- Developed booking system with real-time availability checks and database integration
- Designed intuitive and responsive UI using Tailwind CSS for smooth user experience
- Managed front-end routing, state, and data fetching efficiently with Next.js and Supabase

### TrackFinn | Real-Time Train Tracker | [Live Demo](#) | [Docs](#)

**Technologies:** React, Tailwind CSS, React Router, React Query, Formik, Yup, Mapbox GL JS, Framer Motion, Vite

- Built a web application to provide live tracking of trains in Finland using official VR API
- Implemented interactive map showing all currently running long-distance trains with real-time location updates
- Developed search functionality to track trains by type, number, and departure date, displaying live status and location
- Designed responsive and user-friendly interface with animations and full-height hero sections
- Managed form validation and data fetching efficiently using Formik, Yup, and React Query

## EDUCATION

### Bachelor of Information Technology

Aug 2022 - Present

Centria University of Applied Sciences

- Software Engineering, Object-Oriented Programming, Data Structures and Algorithms, Web Development (JavaScript, TypeScript, React, Next.js), Backend Development (Node.js, Express.js), Database Management (SQL, MongoDB), Operating Systems, API Development, and Cloud Computing.