Rayhan Kobir

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 github.com/rayhankobir-dev | linkedin.com/in/rayhankobir-dev

Skills

Languages: JavaScript, TypeScript, Go
Frameworks: Node.js, Express.js, Nest.js, Next.js, React, Next.js, Jest
Technologies & Tools: Docker, WebSocket, WebRTC, AWS, Nginx, Serverless, CI/CD, REST API, GraphQL
Databases: PostgreSQL, MongoDB, Supabase, Redis
Soft Skills: Teamwork, Problem Solving, Communication, Critical Thinking

Work Experience

The Red IT   October 2024 - Present
Software Engineer
- Developed an customized project management application.
- Integrated Supabase for seamless backend functionality, enabling real-time data synchronization.
- JavaScript, TypeScript, Nodejs, Express, GraphQL, MongoDB, Serverless, AWS, Serverless

Velar   March 2024 - September 2024
Junior Software Engineer(Remote)
- Developed an customized project management application.
- Integrated Supabase for seamless backend functionality, enabling real-time data synchronization.
- Utilized Linear SDK to automate project management workflows, streamlining task tracking, productivity.
- JavaScript, TypeScript, Nodejs, Nestjs, Nextjs, Supabase, MongoDB, Linear SDK

Extreme Solutions   June 2021 - Sept 2023
Junior Software Engineer
- Developed scalable and testable backend systems using Node.js and Express.js, optimizing response times.
- Implemented a Redis caching layer, cutting database load by 30% and improving application response times by 35%.
- Optimized database query, enhancing performance and reducing data retrieval times by 20%.
- Developed and maintained REST APIs with Express.js, handling over massive API requests daily.
- Utilized WebSocket to enable real-time communication, improving user engagement and system responsiveness.
- JavaScript, TypeScript, Node.js, Express.js, Redis, PostgreSQL, WebSocket, Docker

Education

Green University of Bangladesh   Jan 2020 - Mar 2024
B.S.C in Computer Science and Engineering   *CGPA: 3.28/4*
Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Advance Data Structures and Algorithms

Naogaon Polytechnic Institute   Sept 2015 - Oct 2019
Diploma in Computer Science   *CGPA: 3.24/4*
Relevant Coursework: Structure Programming(C), Databases, Discrete Maths, Operating Systems, Networking

Project Work

- **Silent Eye (2024) - Remote:** Silent Eye is an spyware subscriptions based application where my responsibility to make payment gateways, discount, support ticket modules. Handle multiple payment gateways and support chating system.
- **Travel Agency (2024):** Developed a OTA application with all the features, including process payment & refunds, and manage support tickets. Node.js Express.js, SSLCommerze
   /rayhankobir-dev/travel-app-backend
- **Puzzle Solver (2021):** Applied A* Search algorithm efficiently solving the puzzle and generating a complete visualization. Node.js, Express.js, React
   /rayhankobir-dev/puzzle-solver-api

Awards and Certificates

- **Member of Computer Club:** Helping students to get better at problem solving, coding.