Md Imran Hossain

Full-stack Developer

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Github || LinkedIn || My Portfolio

Frankfurt Am Main, Germany

Summaries

I am a skilled MERN stack developer with four years of experience in web development. Proficient in Node.js, Express.js, React.js, Next.js, MongoDB, and Prisma, I excel in creating robust and efficient web applications. My strong problem-solving abilities and commitment to clean, maintainable code have led to successful project outcomes. I'm passionate about staying up-to-date with industry trends and leveraging the latest technologies, including holding an AWS Cloud Practitioner certificate and working towards achieving the AWS Solution Associate certification, to deliver innovative solutions. I work effectively in collaborative teams, and my dedication to continuous improvement ensures I'm a valuable asset in dynamic development environments.

Experiences

Aveenir IT
Full Stack Developer (Remote – part-time)

03/2020 – 04/2023
Dhaka, Bangladesh

- Spearheaded the development of MERN stack-based e-commerce websites, ensuring seamless and efficient user experiences for clients.
- Successfully resolved over 200 bugs in a 4-month period, demonstrating a keen eye for detail and a proactive approach to issue resolution.
- Collaborated extensively with frontend and backend teams to integrate and optimize features, fostering cross-functional communication and efficiency.
- Implemented robust security measures and best practices to safeguard e-commerce websites and organizational platforms from potential vulnerabilities.
- Utilized agile methodologies in project management, contributing to sprint planning, backlog grooming, and ensuring timely project delivery.

Srejanee CybernetiX
Jr. Software Engineer

06/2018 – 07/2019
Dhaka, Bangladesh

- Designed and implemented more than 10 new features in the payroll system, enhancing its functionality and quality, and ensuring it met the evolving needs of the organization.
- Identified and resolved software bugs and issues within a complex payroll system, contributing to the overall stability and reliability of the application.
- Fostered teamwork, collaboration, and continuous improvement in cross-functional teams to advance software development efforts.

Technical Skills

- **Programming Language:** Javascript, TypeScript, Python & C#.
- **Backend**: Node.js, Express.js, Redis, Django, Prisma, & Mongoose.
- **Frontend**: Next.js, React.js, NextAuth, Firebase, Redux (RTK Query), Axios, Figma.
- **Cloud/Databases**: MongoDb, PostgreSQL, SQL Server, Firebase, AWS, Kubernetes.
- **Tools**: Postman, Swagger, Docker, CI/CD, Github Action, & JEST

Projects

Highway Hoppers– (Full Stack)

10/2023- Present

- Designed and implemented a dynamic ticket booking system using Node.js, Express.js, Prisma and Next.js for seamless integration.
- Efficient Data Handling using Prisma for streamlined management of booking, schedules, and user data.
- Developed secure authentication services using Node.js, Express.js, and MongoDB to manage user authentication and authorization within the application.
- Easy booking and information access with a user-friendly frontend enabled by the Next.js App Router and Ant Design.
- **Links**: Live Link || Backend Code|| Frontend Code

Pristine Perfection (Fullstack focused)   11/2022-12/2022

- Developed a dynamic makeup booking system using Next.js with App Router, providing users with an intuitive and responsive interface for scheduling appointments.
- Developed authentication mechanism using Node.js, improving the system's overall security posture.
- Utilized Prisma as the data access layer to interact with a PostgreSQL database, ensuring scalable and optimized database operations.
- Links: Live Link || Frontend Code || Backend Code

Car Dealer (Frontend focused)   10/2022-11/2022

- Revolutionized car purchasing with a Material-UI and ReactJS-based web app, enabling secure payments via Stripe.
- Admins control interactions, listings, notifications, and payments seamlessly, enhancing user experience
- Employed NodeJS, Firebase, MongoDB, and React tools for a smooth user journey in Car Dealer.
- Links: Live Link || Frontend Code

University Management — (Full Stack)   07/2023- 11/2023

- Designed and implemented the core services using Node.js, Express.js, and Prisma, ensuring robust and efficient functionality.
- Developed secure authentication services using Node.js, Express.js, and MongoDB to manage user authentication and authorization within the application.
- Created an API gateway to manage and streamline communication between microservices, enhancing system scalability and maintainability.
- Integrated file upload functionality into the system, utilizing Cloudinary and Multer for efficient and scalable file handling and management.
- Optimized frontend performance using Next.js App Router and Ant Design, minimizing network requests and enhancing asset delivery for faster load times and a seamless user experience.
- Links: Frontend Code || API Gateway || Core Services || Authentication Services

Digital Twin Nibelungenplatz   08/2023

- Transformed real-world vehicle data from five camera sources into a comprehensive dataset for 'Digital Twin Nibelungenplatz.
- Merged multi-camera data to create a unified dataset and skillfully simulated these vehicles on the Dassault platform, achieving a dynamic 3D representation.
- **Tools .& technologies used**: Python, OpenCV, YOLO V7, Dassult Platform

Education

- **Frankfurt University of Applied Sciences**   Frankfurt, DE
  MSc in High Integrity Systems, CGPA: 2.1 (German Scale), Expected Graduation: 2023   2021-Present
- **American International University-Bangladesh**   Bangladesh
  BSc in Computer Science And Engineering, CGPA: 1.45 (German Scale)   2014-2018

Languages

- **English** : IELTS 8.0
- **German** : A2 Level (Currently Learning B1 level)

Certificates & Courses

- **ReactJs:** Complete React Developer in 2022 (w/ Redux, Hooks, GraphQL) (completed)   march-2023
- **Full-stack Web Development-** by Programming Hero   2023
- **AWS:** AWS Certified Cloud Practitioner - [**Certification Link**]   (December-2022)
- **CCNA:** Cisco Certified Network Associate Routing and Switching. [**Certification Link**]   July-2019
- **Kubernetes:** Certified Kubernetes Administrator (CKA) by Mumshad Mannambeth   July -2023

Technical Writings

- Celebrity Face Recognition using AWS Rekognition – [**Report**]
- Implementation and Evaluation of Eye Gaze Redirection [**Report**]
- Support Vector Machine [**Report**]