PERSONAL DETAILS

Mir Ashiqul Hossain

Full-Stack Software Engineer | Web, Mobile & Blockchain

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GitHub: https://github.com/EpicVibeCoder

PERSONAL SUMMARY

Full-stack developer with practical experience in web, mobile, and blockchain development through professional roles, academic projects, and independent work. Skilled in React, Next.js, Node.js, NestJS, and Android development, with a strong interest in building secure, scalable applications.

CORE TECHNICAL SKILLS

Primary Stack: React, Next.js, Node.js, Express.js, NestJS, MongoDB, MySQL, PHP
Languages: JavaScript (ES6+), TypeScript, Java, Python, Solidity, C++, C#
Mobile Development: Android (Native Java), React Native, NativeScript, Ionic
Blockchain: Solidity, Hardhat, Truffle, Web3.js
Backend & Cloud: Docker, AWS, Azure, Firebase, Heroku
Other Frameworks: Angular, Django, Laravel, ASP.NET Core, Tailwind CSS
Testing & Tools: Git, JMeter, Jest, JUnit, Postman
Design: Figma, Adobe XD, Photoshop, Illustrator

WORK EXPERIENCE

Parallaxlogic Infotech—Android Developer (Jun 2017–Aug 2017)
- Rebuilt a full Android application from scratch as a capability evaluation.
- Implemented multiple screens, form logic, and local storage.

VisionBlue Inc.—Full Stack developer (Oct 2017–Jan 2018)
- Developed native Android applications using Java and Android Studio.
- Built UI screens, integrated REST APIs, and implemented new feature modules.
- Reskinned apps, added authentication, and optimized layouts for tablets and phones.
- Worked closely with clients to gather requirements and ensure delivery quality
- Worked with backend developer to plan and design REST APIs

GPS Bangla—Full Stack & Mobile Developer (Mar 2019–Oct 2019)
- Worked on mobile app development using NativeScript and JavaScript.
- Assisted backend development with ASP.NET MVC.
- Built the company portfolio website in React.
- Collaborated with offshore teams on mobile UI and feature delivery

PROJECTS

Classroom and Seat Booking System (PHP, MySQL, and AJAX):

Web Link: ClassRoom Booking
GitHub Link: ClassRoom booking github
- Designed a full-stack web application with role-based access and session security.
- Implemented **OWASP Top 10 protections**, including prepared statements for **SQLi, token-based validation for CSRF, and CSP** headers to **mitigate XSS.**
- Added **IP-based rate limiting** and **Two-Factor Authentication (2FA)** to prevent brute-force attacks.
- Automated deployment workflows using **GitHub Actions** to ensure consistent builds.

High-Performance Restaurant Landing Page (NEXTJS & TAILWIND CSS):

Web Link: Generic Restaurant
GitHub Link: Generic Restaurant Github
- Built a responsive, SEO-friendly landing page using modern Next.js architecture

- Achieved **Lighthouse** scores above **90%** across **Performance, Accessibility, Best Practices, and SEO**
- Optimized images, fonts, and layout for fast load times and smooth user experience
- Created custom scroll animations with **Javascript and Tailwind CSS**

Blockchain-based Decentralized Voting System (React, Node.js, Solidity, MongoDB, Truffle Suite, Hardhat):

Github Link: [Blockchain Voting github](#)
Loom Video Link: [Blockchain voting app video description](#)

- Architected a hybrid DApp using Node.js middleware to bridge **React** with **Ethereum**, utilizing **MongoDB** to **cache election data** and **minimize expensive on-chain read operations**.
- Engineered a scalable **Solidity** smart contract capable of conducting **multiple concurrent elections**, utilizing efficient data structures to manage **isolated state** for candidates and voters.
- Designed a **gas-optimized** storage strategy with provisions for state pruning, allowing for the archiving of concluded elections to mitigate storage costs and maintain contract efficiency at scale.
- Implemented strict access control via **Web3.js** integration, ensuring secure transaction signing and **real-time validation** of voter eligibility.

EDUCATION

2020 - 2024: *BSc Computer Science & Engineering (United International University)*