Sayed Asif Zayed
Software Engineer
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Education

Daffodil International University   Dhaka, Bangladesh
Bachelor of Science - Computer Science & Engineering   May 2019 - Aug 2023

Experience

Zaynax Limited   Dhaka, Bangladesh
Software Engineer (Full-time)   Mar 2024 - Present (Onsite)
Project: Global zDrop (Backend)   Live Site
- Developed REST APIs for seamless data integration and reliable backend services.
- Wrote optimized aggregation queries, significantly enhancing data retrieval speed and overall performance.
- Implemented microservices architecture (product, auth, customer, CMS, WMS, payment), improving communication, scalability, and system reliability.
- Integrated third-party APIs to extend platform functionality and enhance the user experience.

Project: Zaynax Health (Backend & Frontend)   Live Site
- Built REST APIs to ensure robust backend functionality and seamless data integration.
- Enhanced application performance by optimizing aggregate queries.
- Managed services like auth, communication, patient, and payment, improving modularity and scalability.
- Integrated a blog page into the public site, enriching platform content.

Project: Admin Panel for Blog (Frontend)   Live Site
- Developed an admin panel using Next.js for efficient blog content management and administration.

Project: Blog Service (Backend)
- Designed and implemented REST APIs for the blog service integrated with the Zaynax Health public site, Home Leads, and others, boosting platform functionality and user engagement.
- Collaborated with cross-functional teams to ensure project goals aligned with business and technical requirements.
- Utilized Git and GitHub for version control and collaborative development, ensuring efficient code management.

Crystal Vision Solution (CVS)   Mirpur, Dhaka, Bangladesh
Full Stack Developer (Internship)   Dec 2023 - Feb 2024 (Onsite)
- Develop responsive and visually appealing web applications using React/Next
- Work on server-side logic, databases, and application integration.
- Contribute to the overall architecture and development processes.
- Actively participate in mentorship opportunities and seek guidance from senior developers.

Projects

Web Application: Amader School (Full Stack Application)   Live Site | Client | Server
- Contains 4 levels of users (super admin, admin, teacher, and student).
- 4 levels of users can perform various administrative tasks according to their role.
- Integrated the CRUD operation.
- Implement a database-matched login system and validate users with JWT (JSON web token).

Technology: React.js, Tailwind, Firebase, Vercel, MongoDB, JWT, Express.js, Mongoose, etc.
Duration: May 2023 - Aug 2023

Skills Summary

- **Programming Languages:** Javascript (ES6+), Typescript, SQL.
- **Frameworks and Libraries:** React JS, Next JS, Node JS, Express JS, Nest JS, Socket.io, Tailwind CSS, Bootstrap.
- **Cloud Technologies:** AWS (S3).
- **Databases:** MongoDB, MySQL, PostgreSQL, Redis.
- **ORM/ODM:** Mongoose, Typegoose, Prisma.
- **Methodologies and Practices:** Responsive Web Design, Atomic Design, MVC, Microservice Architecture.
- **Tools:** Docker, CI/CD, GIT & Github, Vercel, Firebase.
- **Platforms:** Linux, Web, Windows.