AMINUR RAHMAN

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DEVOPS SOFTWARE ENGINEER SPECIALIST

PROFESSIONAL SUMMARY

Innovative Software Developer with demonstrated background designing, debugging and deploying software for client and server applications. Exhibits customer-centric focus and excellent project management skills. Proven experience working with deadlines and interruptions.

SKILLS

- Expertise in designing and developing applications using **Ruby on Rails**, Ansible, Turbo & Stimulus.
- Exposure to designing and developing applications using **C#.NET/.NET Core**, ASP.NET MVC, Entity Framework, **REST**, WEB API, SQL SERVER, Web Services, Windows Service, Entity framework, SQL Azure, Unit Testing.
- Expertise in designing **SPA applications** with JS Frameworks such as **ReactJs**, **NextJs**, **VueJs** with Typescript/JavaScript
- Worked with **SQL Server**, **PostgreSQL** and **MongoDB** databases.
- Extensively taken part in **Code reviews** & **Pair Programming** for knowledge sharing.
- Designed and deployed microservices.
- Solid comprehension of software development paradigms, including **Object-Oriented Programming (OOP)**, Domain-Driven Design (DDD), Microservices architecture.
- Have been an integral part of the **design and architecture of applications**, Including breaking down monolithic applications into Microservices.
- Established and created **CI/CD setup YAML pipelines.**
- Built applications with Ecommerce Integrations, including Blockchain based wallets.
- I have worked to extract NFTs metadata based on Ether Blockchain based on **web3.**
- Used version control such as **Git**, TFS, and SVN.
- Working knowledge in **Agile/Scrum** methodologies and have used **GitLab/Kanban** board extensively with **Test Driven Development** -**TDD**.
- Ability and desire to take over responsibility and to drive the development of exciting and impactful products and features.

EXPERIENCE

DEVOPS SOFTWARE ENGINEER SPECIALIST   AUGUST 2022 – CURRENT
BT Group | Ipswich, United Kingdom

- Excelled in Agile development environment using daily scrums, expert sprint planning, and successful backlog grooming.
- Implemented monitoring tools to track system health and detect anomalies in real-time using Grafana insights.
- Kept up to date on web developments and trends.
- Tested autonomous routines and made revisions to eliminate errors.
- Participated in on-call rotations to provide after-hours support for production environments.
- Contributed to disaster recovery planning initiatives, including creation of backup strategies and failover procedures.

KEY ACHIEVEMENTS:

- Designed and built a duty manager handover report pulling data from multiple data sources providing daily insight on current priorities to senior leaders within the organization.
- Facilitated in breaking down our monolithic application into microservices.
- Built a spares locator tool to help the networking team locate available components closest to the source saving on unnecessary expenses.

FULL STACK WEB DEVELOPER   **AUGUST 2019 – AUGUST 2022**
Paramet Ltd | Great Bentley, Essex, United Kingdom
- Integrated third-party APIs into applications as needed for project requirements.
- Ensured optimal performance of websites by implementing responsive designs and optimizing page load times.
- Designed, coded and tested software solutions.
- Adapted websites to match changing user preferences and client demands with regular updates.
- Produced high-quality, clean code for client projects.
- Developed desktop and web applications for industrial HVAC companies, showcasing versatile full stack skills.

KEY ACHIEVEMENTS:
- Transformed multi-page apps into SPAs using React or Vue.js providing better SEO ranking and enhancing user experience while maintaining .NET Core backend and middleware integration.
- Spearheaded migration to multi-tenant applications, optimizing production efficiency using C#, .NET Core, and ASP.NET Core.

EDUCATION

Bachelor Of Engineering (BEng) - Computer Systems Engineering   **OCTOBER 2016 – AUGUST 2019**
University Of Essex, Colchester, Essex, United Kingdom
- Dean's List 2017, 2018.
- Published Dissertation: "Comparing gestural interfaces using Kinect and OpenPose".
- Awarded Top 5 Final Year project 2019.

PROJECTS

In-Retrospect, Simple Retrospective board   **https://in-retrospect.vercel.app/**
A super sleek and stylish retrospective board built using NextJs13 and tailwind cs. It features the must haves for a retrospective board, i.e. board creation, with columns and tickets creation with drag and drop functionality. It utilizes Unsplash images to create beautiful board designs. It uses clerk authentication to handle user login, user management and even role-based assignments. Furthermore, it integrates Stripe payment system for pro and free tiers. (currently trialing with Internal colleagues)

Motion, Note taking application   **https://motion-note-taking-app-jade.vercel.app/**
A note taking application inspired by Notion, it uses Next.Js and tailwind for its beautiful and simple design. The application features the ability to create pages and sub-pages allowing you to organize content in its own subcategories. It uses react blocknote editor to write content on pages. It allows the creator to publish the page so anyone can view the content providing the link is shared. It has a robust authentication system managed by Clerk. It provides seamless real time data loading using convex database additionally providing a fast search functionality. Finally, thanks to tailwind, it has a super simple light and dark mode functionality.

Ecommerce Dashboard & CMS - WIP   **Look out for in my Repo:** **https://github.com/Aminur-Application**
Evolution to the Simple Ecommerce Solution, this application introduces an admin dashboard for seamless front-end content management. It leverages Next.js while employing AWS S3 and SQL Server for data storage, eliminating the intermediary role of Sanity.js. OAuth-based login is supported to authenticate store owners. It will allow the owners to manage multiple stores with each store having unique banners, highlights and promotions of its own. It will allow the users to manage inventory, create products, and provide unique tags for searching. It will also serve as a dashboard for all payments for each store created.

E-commi.io, Simple Ecommerce Solution   **https://ecommerce-template-157.vercel.app/**
A simple yet robust Next.js Ecommerce website. It seamlessly integrates Stripe for payment processing. The website's content is dynamically managed through Sanity.js, allowing users to effortlessly login and upload their desired products for display, minimizing the need for any direct involvement. The template boasts intricate product sorting capabilities. Used by 4 users.