

Rahat Hosen

Software Engineer

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EXPERIENCE

Transcom Limited [Associate Software Engineer]

[June 2024 – Nov 2024]

- Developed and implemented key features in the admin panels and designed a robust database structure to support booking and scheduling operations efficiently.
- Enhanced the user interface (UI) of the admin panel for better usability, implementing consistent design patterns and improving accessibility.
- Integration script to streamline data synchronization between systems.
- Migration of the existing Py4web application to Django, ensuring functionality and data integrity are preserved.

TechSand [Junior Software Engineer]

[April 2023 – May 2024]

- Created responsive, mobile-first designs with optimized routing and reusable components for seamless and maintainable user experiences and collaborated closely with others developers to integrate API.
- Improved data flow by integrating real-time features with server-side and client-side state management.
- Collaborated with cross-functional teams, including front-end and back-end developers, following Agile methodologies to deliver features incrementally and efficiently.

PROJECTS

ABOM (Advertising Booking and Order Management)

[Company: Prothom Alo]

- Developed a comprehensive **advertisement management system**, handling booking, customer management, financial transactions, and reporting features for **Prothom Alo's** ad operations.
- Developed an intuitive **drag-and-drop feature** to allow users to select specific pages for advertising, enhancing usability and efficiency.
- Implemented the **Transaction Management** system, managing booking records, receipts, adjustments, and ad content updates and improved the UI on the **transaction page** simplifying interactions for a field-heavy interface.

Petty Cash (Expense Management System)

[Company: Transcom Distribution Company Limited]

- Developed a Django-based application to track and manage company utility expenses and employee reimbursements and designed a robust debit-credit logging system for recording various expense types, including travel and miscellaneous business costs.

Next Elite

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[Next Generation Startup Ecommerce web app include PWA]

- Next.js for dynamic meta tags and Core Web Vitals optimization, ensuring fast-loading, SEO-friendly applications.
- Utilized Tailwind CSS for responsive design, MongoDB for a robust JSON API, Cloudinary for static asset delivery, NextAuth.js for secure authentication, and deployed on Vercel for high performance and scalability.

SKILLS

Programming Language: Python, JavaScript, TypeScript

Backend: Django, DRF, FastAPI, Node, Py4Web, REST APIs, GraphQL

Frontend: ReactJS, NextJS, TailwindCss, Shadcn, jQuery, Ajax

Database: SQL, PostgreSQL, Redis

DevOps: Git, GitLab, Docker | **Test:** Unit Tests

EDUCATION

BSc in Computer Science and Engineering

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