

JONAYED AHMED RIDUAN

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EXPERIENCE

Software Engineer III

Neural Semiconductor Ltd.

February 2022 - December 2024

- Enhanced **Tafari HRMS** with Payroll, Leave and Attendance improving HR workflow by 30% with role-based access control.
- Built features like Meal Management, Employee Performance Tracking, and Dynamic Form Builder, streamlining admin processes.
- Refactored legacy React.js codebase, implementing reusable CoreUI components to improve maintainability.
- Refactored React.js codebase, creating reusable CoreUI components for better maintainability and performance.
- Implemented real-time tracking, barcode scanning, and multi-step approvals for product requests, increasing operational efficiency by 30%.
- Led and architected the **Asset Management and Tracking System** implementing RBAC and scalable architecture.
- Managed a cross-functional team, achieving 20% faster delivery through code reviews and Agile collaboration.
- Mentored junior engineers, sharing best practices in React/Next.js development, component design, and API integration.

Junior Frontend Developer

Delly

August 2021 – January 2022

- Built the frontend of **WE Immigration**, a Canadian immigration consultancy platform.
- Developed responsive interfaces using React.js, HTML5, CSS3, and JavaScript.
- Focused on accessibility, performance, and cross-device consistency tailored for Canadian users.

PERSONEL PROJECT

- Built the **API Monitoring & Deployment System**, a centralized DevOps platform that simplified API tracking, deployments, and system health management — improving delivery efficiency by 35%.
- Enabled real-time API health checks with automated alerts (email/Slack), flapping detection, and auto-restart on failures.
- Architected a multi-server, multi-environment deployment system with rollback, versioned artifacts, and reusable pipelines, ensuring error-free releases.
- Developed a secure web-based terminal for running custom server commands with full audit history.
- Implemented role-based access control (RBAC) and dashboards for logs and reports to enhance system transparency.
- Stack: Next.js, React.js, Node.js, Express.js, MongoDB, Docker, WebSocket/SSE, xterm.js

SKILLS

- Programming:** Javascript, Python, Java
- Frontend:** React.Js, Next.Js, HTML, CSS, Tailwind, Bootstrap, Animations, Redux, Context API
- Backend:** Node.Js, Express.JS
- Database:** Mongo, MySQL, PostgreSQL
- API & Backend Integration:** RESTful services, JWT, JSON data handling
- Tools:** Postman, Git, Docker, Chrome DevTools, Vercel
- AI Tools:** Cursor, GPT, GitHub Copilot
- Methodologies:** Quality Assurance, Agile, Scrum, Jira, Pair Programming
- Languages:** Bangla (Native), English (Professional)

EDUCATION

Bachelor of Science in Computer Science & Engineering

BRAC University, Dhaka, Bangladesh

January 2017 - June 2021