

# ASHFAQUR RIAZ

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[Github](#)

| [LinkedIn](#)

| [Portfolio](#)

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**Software Engineer (Full Stack)** with expertise in React.js, Node.js, and PL/SQL. Redis caching, CI/CD, and API documentation, focused on delivering secure, and high-performance solutions.

## Experience

**Software Engineer**, Tata Consultancy Services, Kolkata, January 2023 – November 2024

- **Optimized Global Delivery for 50% Faster Page Loads:** Configured a Content Delivery Network (CDN) for the React.js frontend hosted on Amazon S3, significantly improving page load speeds and ensuring fast, reliable access for users across multiple geographies.
- **Engineered High-Performance Healthcare Platform** Developed a high-performance healthcare application utilizing Context API and Zustand for state management, ensuring scalability and seamless user experience.
- **20% Higher User Engagement:** Created responsive and accessible user interfaces using Tailwind CSS and SASS, increasing user engagement and accessibility across devices.
- **Secured and Scalable APIs:** Developed robust RESTful APIs using Node.js and Express.js with seamless integration into Oracle Database, ensuring reliable data flow and high system availability.
- **Automated User Engagement for 10x times:** Built dynamic email scheduling APIs using Nodemailer and Agenda.js, enhancing user engagement through automated notifications and updates.
- **30% Faster Backend Responses:** Optimized asynchronous operations, resulting in faster API responses and reduced server resource consumption, enhancing overall application performance.
- **Data Security Excellence:** Implemented encrypted data storage on Amazon S3, adhering to industry data privacy standards and ensuring user data security.
- **Client-Centric Delivery:** Collaborated with cross-functional teams to translate business requirements into technical deliverables, achieving project goals efficiently.
- **99% System Reliability:** Strengthened error-handling mechanisms, reducing system downtime and improving application reliability and user trust.

**Assistant Software Engineer**, (Tata Consultancy Services), December 2021 – December 2022

- **80% Time Savings by Automated Data Integration:** Created PL/SQL scripts to automate the import of large datasets from CSV files into Oracle tables, reducing manual effort and processing time.
- **Simplified Complex Financial Processes:** Wrote efficient PL/SQL procedures to handle intricate business logic, streamlining operations and minimizing errors.
- **Enhanced API Workflow Management:** Conducted thorough testing of APIs using Postman, identifying and resolving bottlenecks, and creating detailed technical documentation to improve maintainability.
- **10x Faster Financial Reporting:** Designed and delivered a Django-based reporting tool to calculate capital requirements and generate dynamic Word reports, saving time and ensuring accuracy in financial operations.

## Technical & Soft Skill

- **Frontend:** HTML, CSS, JavaScript, SASS, Tailwind CSS, React, Redux, Zustand, React Flow
- **Backend:** Node.js, Express.js, JSON Web Token, Cron Jobs, Django Web Framework
- **Databases:** MongoDB, PostgreSQL, Oracle, Redis
- **Tools & Technologies:** Swagger, Postman, Git, GitHub, CI/CD, Github Actions, GitLab, AWS (IAM, S3, Lambda)
- **Project Management:** Jira, Confluence, Agile Methodologies.
- **Soft Skills:** Team player, Adaptability, Time Management, Customer Focus, Conflict Resolution

## Education

Bachelor of Technology in Computer Science and Engineering (Dibrugarh University, Assam)

## Projects

- BookIt ([Code](#) | [Application](#))

- A real estate posting application. Users can post, see and review properties. Redis is used for caching frequently accessed data. Implemented refresh token for enhanced security. The project is deployed on Render.