

# JOY BARMAN

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A results-driven software engineer with experience in both backend and frontend development. Currently specializing in backend development, with a strong foundation in designing scalable and efficient systems. Previously worked as a frontend developer, gaining expertise in building intuitive user interfaces and seamless user experiences. Passionate about creating robust, high-performance applications and optimizing system architecture for scalability and maintainability.

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## Professional Experience

Junior Backend Developer | Repliq Limited | MAY 2023 TO PRESENT

- Develop and maintain scalable backend systems using Python, Django, and DRF.
- Lead a team of engineers, ensuring efficient project execution and collaboration.
- Implement WebSocket for real-time communication, Redis for caching, and Elasticsearch for advanced search.
- Work on AI-driven solutions and complex system integrations.
- Optimize database performance and enhance application scalability.
- Project: [ProHR](#)

Junior Frontend Developer | FreshoSoft Limited | NOVEMBER 2021 TO November 2022

- Developed and designed responsive web applications using React and JavaScript.
  - Implemented APIs and ensured seamless integration with backend services.
  - Collaborated with clients to understand and meet their requirements.
  - Optimized UI/UX for better performance, accessibility, and user experience.
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## Key Skills

- Programming Languages: Python, JavaScript, C
  - Frameworks : Django, Django-Rest, React Js
  - Tools & Technology :Machine-Learning, Web-socket, Elastic-search,Redis-cache,Celery,(Unit/Py/Async)-Test,Docker,Git, HTML, CSS, Bootstrap
  - Database Management: PostgreSQL, MySQL.
  - Software Development: Agile methodologies, CI/CD pipelines, TDD
  - OS : Linux, Window's
  - Leadership: Cross-functional team management, mentoring, performance evaluation
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## Personal Projects

- Real-time Notification Package: Developed a Django package for real-time notifications using WebSocket. [GitHub](#)
  - Real-time Chat App: Built a Django DRF-based chat application with WebSocket support. [GitHub](#)
  - B2B Medicine E-commerce Service: Developed the backend for a B2B medicine e-commerce platform using Django and DRF. [GitHub](#)
  - Social Media App: Developed a social media platform backend with Django and DRF, featuring user interactions and real-time updates. [GitHub](#)
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## Education

B.sc in Software Engineering | Daffodil International University | Dhanmondi, Dhaka | 2021

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## Certifications

Machine Learning Foundations (University of Washington) - [View Certificate](#)