Tamal Paul

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PROFILE SUMMARY

Dedicated and driven software developer aiming to kick-start a rewarding career, leveraging my self-study, determination, and hands-on experience building Spring Boot microservices, REST APIs, and scalable backend systems for real-world platforms.

SKILLS

Programming Languages: Java, JavaScript
Frameworks: Spring Boot, React
Databases: MySQL, PostgreSQL
Version Control: Git, GitHub, GitLab
Project Management: Jira
Cloud & DevOps: Docker, AWS, DigitalOcean, CI/CD (GitHub Actions)

EXPERIENCE

Bem Group Agency   Remote
Jr. Backend Developer   May 2024 – September 2025

- Developed and maintained Spring Boot microservices and REST APIs for invoicing, AI image generation, and music platforms, integrating PostgreSQL, Redis, and cloud storage (AWS S3/CloudFront).
- Built async/background tasks, caching, and messaging systems using RabbitMQ, Redis, and scheduled jobs for scalable performance.
- Developed PDF/document generation, reporting, and API documentation (Swagger/OpenAPI) to support business and operational workflows.

Square Health Ltd   Mohakhali, Dhaka, Bangladesh
Software Engineer Intern   Jul 2023 – Oct 2023

- Developed RESTful APIs with Spring Boot, Java 17, and MySQL for secure, role-based document management, including CRUD operations and PDF generation.
- Implemented JWT-based authentication, Spring Security, and email notifications to ensure secure workflows and user alerts.

PROJECTS

CareInvoice

- A Spring Boot–based system that manages patient registration, appointments, prescriptions, investigations, and automated billing for multi-organization healthcare setups.
- Automated billing, drug inventory tracking, and scheduling to streamline healthcare operations.
- Spring Boot, Spring Security (JWT), Spring Data JPA, Hibernate, MySQL, Java 17, Gradle, Lombok.

DocsManager

- A secure, role-based RESTful application for managing organizational documents with features like authentication, document CRUD operations, PDF generation, and email notifications.
- Java 17, Spring Boot, Spring Security, Spring Data JPA, MySQL, Gradle, JWT, OpenPDF.

EDUCATION

American International University - Bangladesh, Dhaka, Bangladesh   2020 — 2023
B.Sc in Computer Science and Engineering (Software Engineering)   CGPA: 3.74

Giasuddin Islamic Model College, Hirajheel, Narayangonj, Bangladesh   2017 — 2019
Science   GPA: 4.92

ACHIEVEMENTS

- **Dean's Award Recipient (Three Consecutive Years)**

- **AIUB Academic Scholarship**