

Tamal Paul

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PROFILE SUMMARY

Dedicated and driven software developer aiming to kick-start a rewarding career in the field, leveraging my self-study, determination, and ability to work collaboratively in development teams to deliver high-quality solutions, clean codes and problem solving.

SKILLS

- Proficient in **Java** and experienced in utilizing **Spring Boot**.
- Experienced in building **RESTful APIs** for seamless data retrieval and presentation from databases.
- Experienced in **MySQL** and **PostgreSQL** databases, data modeling, and optimization.
- Proficient in using **Visual Studio**, **IntelliJ IDEA** and **Postman**.
- Experienced with **Version Control** like **Git** and **Deployment**.
- Skilled in implementing authentication and authorization with **Spring Security** and **JWT** tokens.
- Understanding in Message Queues **Kafka**, **RabbitMQ**.
- Familiar with **CI/CD** practices.
- Skilled in **Containerization** using **Docker**.
- Familiar with **Cloud Platforms** such as **AWS** and **Digital Ocean**.
- Experienced with **Redis** for caching and improving data retrieval performance.
- Strong collaborative abilities, effective communication, and teamwork in diverse environments.

PROJECTS

CareInvoice

Project Link: github.com/paultomal/Billing-System

- A healthcare billing system that allows multiple organizations (e.g., Hospitals, Diagnostic Centers, Pharmacies) to effortlessly manage their billing process alongside providing numerous features which was built upon **Spring Boot**, **Spring Data JPA**, **MySQL**, **Spring Security**, **JWT**, and other technologies.

DocsManager

Project Link: github.com/paultomal/DocsManager

- DocsManager is a Java-based document management tool built with **Spring Boot**, **MySQL**, and **JWT** authentication. It provides secure REST APIs for managing documents and is optimized for Linux environments.

EDUCATION

American International University - Bangladesh, Dhaka, Bangladesh
Bachelor of Science in Computer

Jan 2020 — Dec 2023
CGPA: 3.74

Giasuddin Islamic Model College, Hirajheel, Narayangonj, Bangladesh
Science

2017 — 2019
GPA: 4.92

EXPERIENCE

Square Health Ltd
Software Engineer Intern

Mohakhali, Dhaka, Bangladesh
Jul 2023 – Oct 2023

Bem Group Agency
Jr. Backend Developer

Remote
May 2024 – June 2025

ACHIEVEMENTS

- Dean's Award Recipient (Three Consecutive Years)
- AIUB Academic Scholarship