

Tamal Paul
Kuratoli, Kuril, Dhaka
tamal-paul-portfolio.app
tamal.paul.42123@gmail.com — 01743286902
linkedin.com/paultamal1 — github.com/paultomal



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.

EDUCATION

American International University - Bangladesh , Dhaka, Bangladesh B.Sc in Computer Science and Engineering (Software Engineering)	2020 — 2023 CGPA: 3.74
Giasuddin Islamic Model College , Hirajheel, Narayangonj, Bangladesh Science	2017 — 2019 GPA: 4.92

SKILLS

Languages: Java, HTML, CSS, JavaScript, TypeScript
Frameworks: Spring Boot, React
Databases: MySQL, PostgreSQL
Version Control: Git, GitHub, GitLab
Cloud & DevOps: Docker, AWS, DigitalOcean, CI/CD (GitHub Actions)
Collaboration & Methodologies: Agile (Scrum), teamwork, effective communication

PROJECTS

CareInvoice <i>Project Link:</i> github.com/paultomal/Billing-System	<ul style="list-style-type: none">- Spring Boot-based healthcare billing system covering patient registration, appointments, prescriptions, investigations, and billing.- JWT authentication and role-based access control for secure multi-user, multi-organization access.- A layered architecture with Spring Data JPA, Hibernate, and MySQL for scalable and reliable data management.- Automated billing, drug inventory tracking, and scheduling to streamline healthcare operations.
DocsManager <i>Project Link:</i> github.com/paultomal/DocsManager	<ul style="list-style-type: none">- A secure RESTful document management system- Document CRUD operations, and priority-based document workflows.- Integrated PDF generation, email notifications, and input validation for enterprise use.- Built with Java 17, Spring Boot, Spring Security, JPA, and MySQL for scalability and maintainability.

EXPERIENCE

Bem Group Agency <i>Jr. Backend Developer</i>	Remote May 2024 – June 2025	<ul style="list-style-type: none">- 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 <i>Software Engineer Intern</i>	Mohakhali, Dhaka, Bangladesh Jul 2023 – Oct 2023	<ul style="list-style-type: none">• 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.