Bulbul Ahmed

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SKILLS

- **Languages**: Java, JavaScript, PHP, C
- **Frameworks**: Spring Boot, Microservice , Angular, Laravel
- **Database**: Oracle, MySQL, PostgreSQL, MongoDB
- **Tools**: GIT, Docker, Tomcat, Jenkins, Azure App Service, Azure DevOps
- **Platforms**: Windows, Linux Server, Azure

EXPERIENCE

- **TechnoNext Limited**
  Software Engineer (Full-time) *Oct 2022 - Present*
  - **Team Lead**: Team Lead on Airline Fare Comparison Application
  - **Code Review**: Improve Code Quality With Code Reviews and Refactoring
  - **REST API** : API development on Airline Resource Management System

- **Walton Group**
  Software Engineer *Feb 2020 - Oct 2022*
  - **API Development** : API Development on School Management Software, E-Commerce Software, HRMS Software, and Smart Weight Scale Software.
  - **Devops Support** : Application Deploy on Linux Server(Tomcat, Jenkins)
  - **Database Design** : Database design of multiple projects

- **Riseup Labs**
  Android Apps Developer *July 2018 - Nov 2019*
  - **Android Apps Development**: Govt Application

PROJECTS

- **PSO(Payment Order Service) TN-Pay**: The primary objective of this software is to work as a payment gateway service.
  Responsibilities: Implemented Oauth2,Waju agent, Kafka as well as regular module wise feature development.

  Technologies Used: Spring Boot, SQL Server, Micro-service, GRPC, Kafka, Oauth2.0, Event-Driven Architecture,Axon Server(CQRS), CI/CD Pipeline, Docker, Kubernetes, Master-Slave Database Architecture**(June 2023 - Present)**

- **ARM - Airplane Resource Management**: The primary objective of this software is to manage airplane resources effectively.

  Responsibilities: As a Backend developer, my responsibility on this project is to develop the necessary modules, including authentication authorization, store procurement, planning, logistics, audit, and report generation.
  Technologies Used: Spring Boot, React Js, SQL Server, AWS **(Jan 2023 - May 2023)**

- **AFCS - Airline Fare Comparison System**: Consuming Air API Data from different GDS and generating a report of different Airline fares and other comparisons.

  Responsibilities: As a Backend developer, my responsibility on this project is to develop the necessary modules, including authentication authorization, consuming SOAP API.
  Technologies Used: Spring Boot, Angular, Jasper Report, PostgreSQL, Tomcat **(Nov 2022 - Jan 2023)**

- **HRMS - Human Resource Management System**: The main purpose of this software is to manage the human resources of Walton Group.

  Responsibilities: As a full-stack developer, my responsibility on this project is to develop the necessary modules, such as authentication and authorization, core HR, employee management, attendance management, self-service, and payroll.
  Technologies Used: Spring Boot, Angular, PostgreSQL, Jasper Report, Tomcat, Jenkins, Access Control Machine Integration of ZK Time 5.0 **(Feb 2022 - Oct 2022)**

- **PAS - Patient Automation Service** : This software is aimed at automating all patient services, including hospital seat booking, online payment processing, and doctor consultations, for seamless and hassle-free experiences.

  Responsibilities: As a full-stack developer, my role in this project involved developing various modules, including authentication, admin, user, accounts, payment integration, and more.
  Technologies Used: Spring Boot, Angular, Jasper Report, PostgreSQL, Tomcat **(Feb 2022 - Oct 2022)**

- **Census Project**: This software is primarily designed for ticket management.

  Responsibilities: I worked as a full-stack developer and was responsible for developing authentication and authorization features, support ticket functionality, and report generation.
  Technologies Used: Spring boot, Angular, Oracle **(Apr 2022 - Jul 2022)**

- **FitPro**: This software is designed to meticulously monitor and track an individual's health and fitness metrics. Like as weight management and heart rate analysis.

  Responsibilities: Developed an API for the Smart Weight Scale Application that seamlessly integrates with both Android and iOS mobile applications.
  Technologies Used: Spring boot, Oracle **(Jul 2021 - Dec 2021)**

- **Thikthak**: This software is designed to offer online home services, such as AC, fridge, fan, and home appliance repairs, among others. It incorporates a feature that utilizes Google to locate the nearest technician available for the requested service.

  Responsibilities: As a full-stack developer, my responsibility on this project include integrating the Google Maps API and developing the necessary accounts module.
  Technologies Used: Google Map API, Spring boot, Angular, MySQL **(Dec 2021 - Apr 2022)**

- **School Management System**: The school management system has features for managing students and staff, accounts, online exams, and attendance tracking.

  Responsibilities: My role as a full-stack developer in this project is to work on the development of various modules, including student management, staff management, routine scheduling, and attendance tracking.
  Technologies Used: Spring Boot, Angular, Jasper Report, PostgreSQL, Tomcat **(Feb 2020 - Oct 2020)**

EDUCATION

- **National University**   Dhaka, Bangladesh
  Bachelor of Science - Computer Science & Engineering; GPA: 3.28   *June 2014 - June 2019*

LICENSE CERTIFICATIONS

Android Apps Development - Eshikhon   Issued Jul 2017 - Expires Dec 2017