



## Ahsan Habib

Senior Software Engineer III

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ahsanhabib

Dhaka, Bangladesh



### Skills

#### Frameworks

Spring Boot 90%

Angular 80%

NestJS 70%

API Documentation 90%

#### Databases

Oracle (PL/SQL) 90%

PostgreSQL 90%

MongoDB 80%

MySQL 70%

#### Additional Skills

##### Cloud & DevOps

Server Setup Automation, Email Server Setup Automation, Git, Docker, API Documentation with Swagger

##### Programming Languages

Java, Python, PHP, JavaScript, TypeScript, C, C++, Shell Scripting

## About Me

**Results-driven Software Engineer** with **5+ years** of experience building scalable full-stack solutions using Spring Boot, Angular, and modern UI frameworks (Ant Design, PrimeNG, Tailwind). Proficient in robust databases (PostgreSQL, MySQL, Oracle, MongoDB) and secure payment integrations. Skilled in infrastructure management, leveraging shell scripting to automate server setups, migrations, and email configurations. Passionate about delivering high-quality, business-focused architectures in collaborative environments.

## Résumé



### Professional Experience

#### Senior Software Engineer III, DARMIST Lab

June 2024 — Present

Architect and deliver highly scalable, end-to-end web applications by bridging dynamic Angular frontends with robust Spring Boot backend services. I design and manage complex data ecosystems across Oracle, MySQL, PostgreSQL, and MongoDB, ensuring optimal performance and data integrity. My core backend expertise includes spearheading the development of secure RESTful API architectures and implementing seamless payment gateway integrations for reliable transaction processing. In addition to application development, I champion DevOps initiatives and infrastructure management. By leveraging advanced shell scripting, I orchestrate comprehensive server setup automation, execute seamless server migration automation, and configure robust email server setup automation. These proactive efforts minimize downtime, and ensure high system availability.

#### Technical Consultant - PL/SQL Developer, Midas Software Solutions Ltd.

April 2022 — May 2024

Oracle Flexcube 14x Implementation at Dutch Bangla Bank & United Commercial Bank. Worked here CIF, CASA, LC-BC and other Modules. Developed Procedures, Functions, Trigger other objects to implement Database logic. Worked for migration and integration. Prepared Documentation like RS, ISD, TDD, IFD, DB Query Mapping, Malware Scan, Unit and Integration Testing etc.

#### Junior Programmer, Computer Network System Limited (CNS)

June 2020 — March 2022

I successfully implemented all back-end logic, developed various oracle database objects. Worked with different projects. Developed multiple modules of Chittagong Port Authority ERP Projects



### Education

#### Executive Master of Science in Computer Science

2022 — 2023

GPA: 3.83/4.00

Comilla University, Bangladesh

#### Diploma in Oracle Database Design and Development.

### APIs & Integrations

Payment Gateway Integration, RESTful API Architecture, Third-Party APIs

### Soft Skills

Problem Solving, Leadership, Communication, Team Management, Youth Ambassador of Bangladesh to India

2014 — 2019

Passed

Oracle University, USA

### Master of Arts in Arabic Language & Literature.

2017 - 2018

GPA: 3.36/4.00

University of Dhaka

### Bachelor of Arts in Arabic Language & Literature.

2013 — 2017

GPA: 3.52/4.00

University of Dhaka

## Selected Projects

### FlexibLedger

<https://flexibleledger.com/>

As the lead for both frontend and backend development and project manager, I successfully spearheaded the creation of a highly modular and user-focused accounting application. This platform was designed to empower businesses with dynamic customization of modules, fields, and automated reporting, reducing future development costs while catering to diverse business needs. Built using Spring Boot, Angular, TailwindCSS, and PostgreSQL, the application ensures scalability, a sleek and responsive user interface, and provides real-time financial insights. In my role as project manager, I effectively coordinated with a cross-functional team, overseeing the project's end-to-end development lifecycle. I ensured seamless collaboration, timely delivery, and alignment with business goals, combining technical expertise with strong leadership to deliver a robust and user-centric solution.

### Aero Stitch

<https://aero.darmist.com>

Aero Stitch is a custom tailoring application that streamlines the end-to-end tailoring process, including customer measurements, order management, design selection, and status tracking. Built using Angular with Ant Design and Bootstrap for a responsive and modern UI, and powered by a NestJS backend to ensure scalability, security, and efficient data handling.

### Oracle Flexcube

As a Technical Consultant PL/SQL for Oracle Flexcube implementation, migration, and upgrade projects at Dutch Bangla Bank and United Commercial Bank in Bangladesh, I played a key role in deploying and optimizing Flexcube 14x. I worked extensively on CIF, CASA, LC-BC, and other core banking modules, developing procedures, functions, triggers, and database logic to ensure seamless integration and migration. Additionally, I prepared critical documentation, including RS, ISD, TDD, IFD, DB query mapping, malware scans, and testing reports, ensuring a smooth transition and robust system performance. This helps me gather documentation related expertise

### MealReport

<https://meal.report>

Built a comprehensive meal management platform for messes, hostels, and catering services, featuring role-based access control, real-time updates, and custom reporting tools. Developed with Spring Boot, Angular, AntDesign, Bootstrap, and MySQL to deliver a secure, dynamic, and user-friendly experience.

### Chittagong Port Authority ERP

<https://cpadigital.gov.bd/>

I led the end-to-end design, development and deployment of a comprehensive suite of enterprise applications—including a Hydrographic Automation System, Fixed Asset Management System, House Allotment System, Equipment Maintenance System, Central Inventory Management System and Accounting Management System—and complemented these platforms with a robust portfolio of interactive, data-driven reports built in Oracle BI Publisher to empower timely, insight-driven decisions. .

*References will be provided if asked.*