

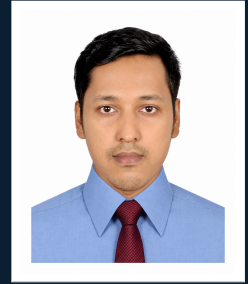
MD AHSAN HABIB

Senior Software Engineer | Banking IT & FinTech

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PROFESSIONAL PROFILE

Senior software engineer with **13+ years of enterprise software experience**, including banking technology roles at Islami Bank Bangladesh PLC and Pubali Bank PLC. Combines hands-on expertise in **Java, Spring, Struts, Hibernate and Oracle** with deep knowledge of Islamic and conventional banking operations. Proven delivery across core banking, microfinance, investment processing, recovery integrations, corporate payments and large-scale ERP platforms. Oracle Certified Professional in Java SE 11.

13+

Years in software engineering

8+

Years in banking technology

2

Oracle Java certifications

Core Value Proposition

Banking technology

Core banking, Islamic investment, general banking, recovery, payroll, GL and digital channel integrations.

Engineering depth

Enterprise Java modernization, transaction-safe APIs, Oracle/PLSQL solutions, legacy integration and production support.

Delivery leadership

Requirement analysis, solution design, implementation, rollout support and collaboration with banking operations teams.

Current Experience

Senior Officer - Software Development

Nov 2020 - Present

Islami Bank Bangladesh PLC

Dhaka, Bangladesh

- **Led development of the RDS application** supporting a nationwide Islamic microfinance programme serving more than **1.75 million members** across approximately **38,000 villages**.
- Built mobile-enabled workflows for field-officer deposit collection and investment recovery, with customer notifications and supervisor dashboards for operational visibility.
- Contributed to **eIBS core banking investment and financing modules**, translating Islamic banking product requirements into reliable application functionality.
- Automated investment proposal lifecycles in **CIPPS**, including electronic document storage and Documentation Verification Codes (DVC).
- Developed recovery API capabilities connecting banking workflows with mobile banking, e-wallet and online banking channels.
- Implemented electronic case records, notifications and document management for legal-affairs operations.
- Supported corporate investment proposals and salary batch-payment workflows for business customers.

Technology environment:

Java

Spring Boot

Spring

Struts 1

Hibernate

Oracle

REST APIs

React

Node.js

Senior Officer (Software Developer)**May 2018 - Oct 2020**

Pubali Bank PLC

Dhaka, Bangladesh

- Enhanced general-banking modules in **PIBS (Pubali Electronic Integrated Banking System)** using Oracle Forms, Oracle Reports and PL/SQL.
- Built a one-click **salary batch-processing API** covering provident fund, gratuity, insurance, loan recovery and credit-card dues with branch-level controls.
- Enabled Central Accounts to map NBR service codes to GL types and configure tax rates, strengthening government-credit processing and reporting accuracy.
- Worked closely with banking users to analyse operational needs, implement controlled changes and support production workflows.

Environment: Oracle Database, PL/SQL, Oracle Forms, Oracle Reports**Software Engineer****Apr 2014 - May 2018**

Amber Group (Partex Group)

Dhaka, Bangladesh

- Delivered in-house .NET applications across ISP operations, retail and manufacturing, covering sales, accounts, inventory, billing and reporting.
- Developed **ISP ERP** capabilities for Amber IT, integrating operational sales, accounts and inventory processes.
- Built client billing and self-care workflows for billing cycles, complaints, statements, package information and connection requests.
- Created MikroTik router monitoring and control capabilities using vendor APIs and the .NET SDK, supported by operational dashboards and reports.
- Developed Amber Lifestyle POS functions for sales, inventory, accounts, barcode printing/scanning and seasonal trend analysis.
- Delivered ERP functionality for Amber Denim Mills and contributed to Partex Board Mills ERP implementation and business-process improvement.
- Developed an internal **IOU cash requisition system** to digitise approval and disbursement workflows.

Environment: C#, ASP.NET Web Forms/MVC/Web API, SQL Server, T-SQL, jQuery, AngularJS, Telerik**IT Executive****Aug 2013 - Feb 2014**

Karotoa Spinning Mills Ltd

Bangladesh

- Supported ERP reporting, production systems and day-to-day IT operations in a manufacturing environment.

Selected Solution Portfolio**RDS Digital Operations**

Field collection, investment recovery, customer notification and supervisory monitoring.

eIBS Core Banking

Islamic investment and financing functionality within an in-house CBS environment.

CIPPS

Centralised investment proposal processing, e-document management and DVC controls.

Channel Recovery API

Recovery integration across mobile banking, e-wallet and online banking channels.

PIBS General Banking

Oracle-based general-banking operations, payroll automation and GL/tax configuration.

Enterprise ERP/POS

ISP, manufacturing and retail solutions spanning billing, sales, inventory and accounts.

How I Work**01 Understand**

Business rules, controls, data and operational risk.

02 Engineer

Maintainable solutions that fit enterprise constraints.

03 Deliver

Test, deploy, support and improve production outcomes.

RDS Digital Operations - Islamic Microfinance

Business context	Nationwide Islamic microfinance operations supporting more than 1.75 million members across approximately 38,000 villages.
My contribution	Led application development and delivered field workflows for deposit collection, investment recovery, client notifications and supervisory monitoring.
Business value	Helped digitise field operations, improve transaction visibility and provide faster operational feedback to customers and supervisors.
Technology	Java, Spring, Struts 1, Hibernate, Oracle Database, REST integration and web/mobile-facing services.

eIBS Core Banking - Investment & Financing

Business context	In-house core banking capabilities for Islamic investment and financing products.
My contribution	Converted banking rules and product requirements into application functions while working within an established enterprise CBS architecture.
Engineering focus	Transaction integrity, controlled processing, database consistency, maintainability and dependable production support.

CIPPS - Investment Proposal Processing

Objective	Centralise and automate the investment proposal lifecycle.
Delivery	Implemented workflow capabilities, electronic document storage and Documentation Verification Codes (DVC).
Operational value	Improved access to proposal information and supported more structured, traceable processing.

Digital Recovery & Corporate Banking Integrations

Recovery API	Enabled investment recovery through mobile banking, e-wallet and online banking channels.
Corporate services	Supported corporate investment proposals and salary batch-payment workflows.
Legal operations	Implemented electronic case records, notifications and document-management capabilities.

Earlier Enterprise Platforms

PIBS General Banking	Oracle-based general banking, payroll automation, GL service-code mapping and configurable tax processing.
Amber IT ISP ERP	Sales, accounts, inventory, customer billing, self-care and network operations support.
Retail & Manufacturing	POS, barcode, inventory, accounts, cash requisition and manufacturing ERP capabilities.
Independent Projects	

EncoreTrade POS	Multi-company, multi-branch point-of-sale system built with Spring Boot and PostgreSQL. View live project
Cosmos UI	Spring Boot 4 admin dashboard and reusable Thymeleaf component library for ERP, FinTech and SaaS back offices. Built with Java 21, Thymeleaf and Bootstrap 5; includes responsive layouts, server-side DataTables, Select2, AJAX cascading dropdowns, Spring Security examples and complete CRUD demonstrations. View product

Technical Expertise

Java ecosystem	Java, Spring Framework, Spring Boot, Spring MVC, Struts 1, Hibernate, JPA
API & integration	REST APIs, enterprise integration, transaction processing, mobile and digital-channel connectivity
Database engineering	Oracle Database, PL/SQL, Oracle Forms, Oracle Reports, SQL Server, T-SQL
.NET ecosystem	C#, ASP.NET Web Forms, MVC, Web API, Entity Framework
Web technologies	JavaScript, React, Node.js, Express, jQuery, AJAX, HTML, CSS, Bootstrap
Reporting & tools	Telerik Reporting, Git, IntelliJ IDEA, Visual Studio
Domain knowledge	Islamic and conventional banking, investment, recovery, microfinance, general banking, payroll, GL, ERP and POS

Professional Certifications

Oracle Certified Professional, Java SE 11 Developer Oracle - Exam 1Z0-819	May 2025
Oracle Certified Associate, Java SE 8 Programmer Oracle	Jan 2025
C# .NET Full-Stack Developer Diploma StudySection.com	May 2022

Education

Master of Science (M.Sc.) - Computer Science University of South Asia CGPA: 3.51/4.00	2023
Bachelor of Science in Engineering (B.Sc. Engg.) - Computer Science & Engineering Noakhali Science & Technology University CGPA: 3.11/4.00	2011
Higher Secondary Certificate (HSC) - Science Lakshmipur Government College GPA: 4.10/5.00	2007
Secondary School Certificate (SSC) - Science Lakshmipur Adarsha Samad Government High School GPA: 4.94/5.00	2005

Selected Banking Training

Banking for IT Officials	Bangladesh Institute of Bank Management (BIBM); general banking, foreign exchange, treasury, loans, investment and Islamic banking	2024
Foundation Training for Engineers	Islami Bank Training and Research Academy (IBTRA); investment, general banking, foreign exchange and Islamic banking	2022
Core Banking System Training	IBBPLC Software Division; investment, GB, FX, MIS, data centre, database architecture and server configuration	2020

Professional Strengths

Banking-domain fluency	Analytical problem-solving	Cross-team collaboration	Production ownership
Continuous learning			

Languages & Additional Information

Languages	Bengali - native proficiency; English - strong reading and writing, professional working communication
Interests	Banking technology, secure enterprise systems, AI-enabled software engineering and FinTech innovation
Availability	Open to senior software engineering and banking-technology opportunities; references available upon request

Let's build dependable financial systems that create measurable business value.

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