

Saddam Hossain

Cloud Native Full Stack Developer | Senior Software Engineer | Software Architect

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Experienced IT professional with a strong track record in leading technology projects across both banking and non-banking sectors. Highly skilled in designing, developing, and implementing client/server and web-based business applications. Deep expertise in database design, system architecture, and core computing principles. Extensive experience in software development, testing, and the analysis of frameworks and web technologies. Proven ability to manage and deliver complex projects independently, with a focus on process optimization, innovation, and team leadership.

❖ WORK EXPERIENCE

8.3 YRS

1. **Lead Software Engineer** (Feb, 2025 – Continuing)

SysDev Software Lab Ltd., Dhaka, Bangladesh

- Led the design and development of scalable enterprise systems, ensuring high availability and performance.
- Collaborated with cross-functional teams to define technical requirements and align project goals.
- Managed code quality and development standards by introducing best practices, including automated testing and code reviews.
- Mentored junior developers, providing technical guidance and ensuring adherence to coding standards.
- Assisted in strategic decision-making regarding system architecture, improving performance and scalability.

2. **Senior Software Engineer & Head of Product** (April, 2022 – April, 2025)

3.1 YRS

Unisoft Systems Ltd., Dhaka, Bangladesh

- Designed and developed scalable web applications, APIs, and microservices, improving system performance by 40%.
- Led requirement analysis and system design, enhancing product scalability and functionality.
- Managed server infrastructure, increasing uptime by 30% through proactive monitoring and optimization.
- Directed project planning and team management, delivering enterprise software solutions on time and within budget.

3. **Senior Software Engineer & Technical Lead** (April 2021 – March 2022)

1 Y

CS InfoTech Ltd., Dhaka, Bangladesh

- Developed enterprise applications using Django, Laravel, and Next.js, improving user experience and system efficiency.
- Implemented CI/CD pipelines, reducing deployment cycles by 30% and enhancing release management.
- Led a cross-functional team, increasing project efficiency and ensuring high-quality software delivery.
- Optimized database performance, reducing query execution time by 40% and enhancing data retrieval processes.

4. **Senior Software Engineer and Team Lead** (January 2020 – March 2021)

1.2 YRS

CS InfoTech Ltd., Dhaka, Bangladesh

- Designed and deployed RESTful APIs and microservices, improving system scalability and communication.
- Managed database administration tasks, optimizing data integrity and reducing downtime by 40%.
- Automated software deployments, reducing release errors and improving deployment efficiency.
- Provided mentorship to junior developers, enhancing coding standards and improving team collaboration.

5. **Senior Software Engineer** (January 2018 – December 2019)

2 YRS

CS InfoTech Ltd., Dhaka, Bangladesh

- Developed ERP solutions for pharmaceutical companies, streamlining supply chain and financial management.
- Managed database installations and optimizations, reducing report generation time by 35%.
- Implemented disaster recovery strategies, ensuring zero data loss and maximum uptime.
- Automated reporting processes, reducing manual data processing time by 40%.

6. **Software Engineer** (January 2017 – December 2017)

1 Y

Pioneer Printing & Packaging Ltd., Dhaka, Bangladesh

- Designed and implemented database architectures for inventory and financial management.
- Created custom Oracle Forms and Reports and Oracle Apex Application improving business decision-making capabilities.
- Enhanced system security through advanced access controls and encryption techniques.
- Optimized query execution, reducing processing time by 30% and improving database efficiency.
- Using Oracle Apex developed Distribution Management System (DMS) and Sales Management System (SMS) which reducing processing time by 30% and improving Business efficiency.

❖ NOTABLE PROJECTS

Capital Market Customer Portal & Back Office

- Developed a robust financial management platform using Django, Laravel, and Next.js.
- Streamlined accounting and reporting for large-scale enterprises, improving financial transparency and automation.
- Successfully implemented the platform for BEPL Investment, UCB Investment, Community Bank Investment, Shanta Asset Management, and AIMS Asset Management.

Stock Brokerage Customer Portal

- Built an automated trading and stock portfolio management system using Django, Laravel, and MySQL.
- Increased trade processing efficiency by 50%, enabling real-time market data and transactions.

Pharmaceutical ERP System

- Developed a fully integrated ERP system for a pharmaceutical company using Oracle Database and Oracle Forms and Reports.
- Streamlined inventory, HR, and financial operations, improving overall workflow efficiency.
- Improved HR efficiency and payroll accuracy, reducing manual processing time.
- Developed an end-to-end inventory and supply chain management system using Oracle Apex, Oracle Forms and Reports, PL/SQL.
- Increased stock accuracy by 45% and improved supply chain tracking.

Pharmaceutical MIS System

- Developed an end-to-end inventory and supply chain management system using Laravel, and PHP.
- Increased stock accuracy by 45% and improved supply chain tracking.

❖ AREA OF EXPERTISE

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|----------------------------------|----------------------------------|-----------------------------------|
| ➤ Project Management | ➤ Scrum & Agile Methodologies | ➤ Application Design, Development |
| ➤ Continuous Process Improvement | ➤ Strategic Planning & Execution | ➤ Team Leadership & Development |

❖ TECHNICAL SKILLS

- **Front-End Technologies**
HTML, CSS, Boot Strap, JavaScript, jQuery, Next.js, React.js, vue.js, Ajax.
- **Back-End Technologies**
SQL, PL/SQL, Python, Django, PHP, Laravel, REST API, Oracle Apex, Oracle Forms and Reports.
- **Database Technologies**
Oracle Database, MS SQL Server, MySQL, PostgreSQL.
- **Data & AI Technologies**
Pandas, NumPy, Apache Spark, TensorFlow, PyTorch, Scikit-learn
- **DevOps & Cloud Technologies**
Linux/Unix, Virtualization, AWS, Docker, Jenkins, Git, Bash script, Git etc.

❖ PROFESSIONAL CERTIFICATE

Oracle Certified Professional (OCP)

- 1Z0-051 - Oracle Database 11g: SQL Fundamentals I
- 1Z0-144 - Oracle Database 11g: Program with PL/SQL
- 1Z0-151 - Oracle Fusion Middleware 11g: Build Apps (OFR)

Red Hat Certified Engineer (RHCE)

- EX200 - Red Hat Certified System Administrator (RHCSA)
- EX300 - Red Hat Certified Engineer (RHCE)

❖ EDUCATION

Dhaka University - Dhaka Bangladesh.
September 2017
Masters of Business Administration (MBA).

Islamic Development Bank
Bangladesh Islamic Solidarity Educational Wakf (IsDB-BISEW)- Dhaka Bangladesh.
September 2017
PGD in DDD (Database Design and Development)

❖ PROCLAMATION

I do hereby declare that all information stated above is true to the best of my concern.

(Saddam Hossain)