



Md Rayhan Khan

Software Architect | Technical Director | Full-Stack Software Engineer

I am a seasoned Software Architect and Technical Director with over 12 years of experience in building high-traffic web applications, scalable APIs, and large-scale data processing systems. I bring a unique blend of AI-driven innovation and cloud expertise across Azure, AWS, and Google Cloud, creating impactful, user-centered applications. My versatile skill set spans Backend, Frontend, DevOps, and System Architecture, making me adaptable and effective in agile environments.

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🔗 <https://github.com/rayhan007>

🌐 <http://rayhankhan.me>

Key Highlights:

- **Proven Leadership:** Successfully managing the roles of Senior Software Engineer, Software Architect, and Technical Lead, inspiring teams to deliver exceptional results and exceed expectations.
- **Strategic Vision:** Designing forward-thinking software solutions that align seamlessly with business objectives and adapt to evolving industry trends.
- **Full-Stack Proficiency:** Leveraging deep expertise across the entire software stack to ensure seamless integration, optimal performance, and scalability.
- **End-to-End Project Management:** Overseeing the entire software development lifecycle, from concept to deployment, with a meticulous focus on quality and delivery timelines.
- **Collaborative Approach:** Building and leading cohesive teams, fostering open communication, and leveraging diverse talents to achieve shared goals.
- **Innovation & Problem-Solving:** Employing creative thinking to address complex challenges and drive continuous innovation and improvement.
- **Business-Centric Solutions:** Delivering cutting-edge software that enhances operational efficiency and directly contributes to business growth and profitability.
- **Extensive Experience:** Over 12 years of experience in designing, building, and implementing software solutions that fulfill organizational needs and objectives.
- **Client-Centered Mindset:** Tailoring software solutions to align with client requirements, ensuring satisfaction and long-term value.
- **Code Quality Advocate:** Promoting high coding standards, best practices, and rigorous testing to deliver robust, maintainable, and scalable applications.
- **Architecture Excellence:** Creating secure, scalable, and maintainable architectures that align with long-term business and technical goals.
- **Technical Leadership:** Mentoring and guiding teams, providing clear technical direction, and fostering a culture of continuous learning and excellence.
- **Strategic Planning:** Collaborating with stakeholders to define technology roadmaps, aligning them with business strategies and priorities.

AREAS OF EXPERTISE

Project Management

Web Application Design & Development

Scrum & Agile Methodologies

Software Development Lifecycle

Team Leadership & Supervision

Technical Process Improvement

Proficient Troubleshooting

WORK EXPERIENCE



Senior Full Stack .NET Software Engineer (Software Architect & Technical Lead)

East West University

Dec 2019 - Present (4 years 9 months +)

- Developing, maintaining, and supporting educational in-house ERP solutions.
- Demonstrating expertise in translating organizational-specific needs into easy-to-understand software solutions.
- Enhancing the application's features to efficiently fix the bugs and optimize the overall performance, reliability and efficiency.
- Utilizing software engineering expertise to develop products throughout the software lifecycle to boost business efficiency.
- Ideation and requirements definition through to development and successful deployment.
- Supervising and leading a team of 4 software engineers and 1 QA engineer during developing a robust upgrade version of the organization's software applications, resulting in improved user experience and a 23% revenue increase within 8 months.



Senior Software Engineer (Technical Lead)

Prime Link Limited

Dec 2017 - Nov 2019 (2 years)

- Developed and maintained Educational Resource Management System (ERP) for North South University, Independent University, East West University, Jahangirnagar University.
- Supervised and lead a team of 5 software engineers and 2 QA engineers during the development of software applications.



Software Engineer

Square Group

Apr 2013 - Dec 2017 (4 years 9 months)

- Continuous development, modifications, maintenance of in-house industrial Solutions and ERP
- Technical Team Lead.



Software Engineer

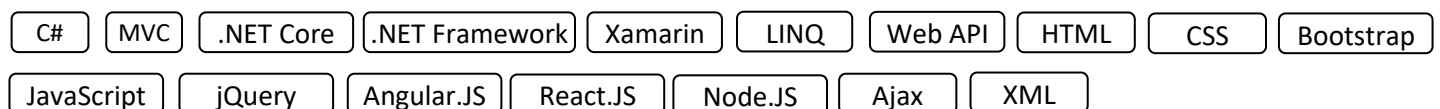
Mowla Trading Corporation

September 2012–April 2013 (8 Months)

- Developed Web based Applications.
- Developed E-Commerce sites in OpenCart.

TECHNICAL SKILLS

Programming, frameworks and Scripting languages



DBMS



Reporting Tools



Version Control



Deployment Tool



EDUCATION



Jahangirnagar University

Master of Science (M.Sc.) in Computer Science
2017 - 2018



East West University

Bachelor of Science (B.Sc.) In Computer Science & Engineering
2006 - 2012



BAF Shaheen College Dhaka

H.S.C, Science
Passing year: 2005



Madartek Abdul Aziz High School

S.S.C, Science
Passing year: 2001

LANGUAGES



English



Bangla