

Adnan Sabbir

Full Stack Software Engineer

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Full-Stack Engineer with 7+ years of experience building scalable, high-performance applications and leading cross-functional teams. Skilled in architecting robust systems, optimizing performance, and mentoring engineers to deliver impactful products. Experienced across frontend, backend, and cloud ecosystems, with a track record of improving efficiency, reducing costs, and enabling rapid product growth.

SKILLS

- Problem solving, Algorithms, Test Driven Development(TDD), System design, Software architecture,
- Frontend, Backend, Unit test, Distributed system, Microservice, REST API
- Javascript, Typescript, Python, HTML, CSS
- Nodejs, React, Angular, Amazon Web Services(AWS)
- SQL & NoSQL, Redis, git, Docker, CI/CD
- Team management, Agile methodology, Communication, Project management, Mentorship, Adaptability

EXPERIENCES

Odoo Middle East

April 2024 - Present

#Odoo #Python #JavaScript #XML #ERP #CustomModules #BackendDevelopment #FrontendDevelopment #Training #ArchitectureDesign

R&D Engineer

- Design and develop new features in collaboration with product and project managers, addressing region-specific business and regulatory requirements.
- Contribute directly to the Odoo standard (core) codebase, delivering production-ready enhancements and fixes.
- Refactor and optimize existing modules to improve modularity, maintainability, and long-term scalability.

Senior Software Engineer

- Partnered with Learning & Development to create course materials and deliver university workshops, boosting Odoo's academic engagement.
- Researched new features and maintained the team's internal library, cutting development time by 20-30% through reusable code.
- Collaborated with business teams and clients to translate requirements into tailored Odoo solutions.
- Identified process gaps and implemented scalable architecture and automation improvements, enhancing delivery speed and quality.

Cefalo | House of Math

Senior Software Engineer

Jan 2022 - April 2024

#GoogleCloud #AmazonWebService #NodeJS #ExpressJs #Redis #PostgreSQL #TimescaleDB #TypeScript #Nextjs #RestApi #Firebase #Docker #Kubernetes #TDD #UnitTest #Jest #Mocha #Chai #Sinon #Agile #Github #GithubAction #CI/CD #DistributedSystem #EventDrivenDevelopment

- Introduced agile methodology, end-to-end testing, and API documentation, improving delivery predictability and quality.
- Restructured frontend projects into a modular file structure, enabling multiple teams to work in parallel with minimal conflicts.
- Improved frontend performance by creating reusable component patterns, reducing component count by 60% and improving page load times.
- Collaborated with the gamification team to optimize and scale systems, supporting growth to 2M+ users without downtime.

Shohoz Ltd

Frontend Software Engineer

Dec 2020 - Jan 2022

#Angular #Typescript #CSharp #MongoDB #EventDrivenDevelopment #Microservice #LibraryDevelopment

- Led the frontend infrastructure team, standardizing development workflows across projects.
- Architected a company-wide frontend framework, cutting new portal setup time from weeks to days.
- Managed a team of developers to maintain and evolve shared infrastructure libraries.
- Worked closely with stakeholders to design and launch features that increased user engagement metrics.

Selise Digital Platform

Full Stack Software Engineer

Jan 2019 - Dec 2020

Professional Achievements

- Solved more than 1000 problems on LeetCode.
- Led the first team from Bangladesh to an international Autonomous Underwater Robotics challenge.
- Created a comprehensive Frontend Development tutorial series in Bangla on YouTube.
- Trained more than 1000 students and helped fresh graduates with job placement and career.

EDUCATION

BRAC University

Bachelor of Science (B.Sc.) in Computer Science and Engineering

Jan 2014 - Dec 2018

- BRACU Duburi, Led the first team from Bangladesh to an Autonomous Underwater Vehicle Challenge.
- Took workshops and trained more than 1000 students in Robotics and Programming.