

Parvej Ahammad

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8+ years of experience, building scalable SaaS products. Specialize in transforming monoliths to microservices with 80%+ bug reduction. Led teams of 10+ engineers

Skills

JavaScript, TypeScript, PHP, Node.js, NestJS, Laravel, React, Vue, MySQL, PostgreSQL, MongoDB, Redis, Git, Docker, AWS, CI/CD

Experience

OCT 2022 - PRESENT

NerdDevs Ltd. (TestReach)— Sr. Software Engineer

- Reduced support bugs by 80% through rigorous TDD and improved code quality, leading to higher customer satisfaction and faster feature delivery
- Spearheaded the migration from monolith to microservices using event-driven architecture (SQS/SNS), improving system scalability and service isolation
- Resolved critical concurrency issues in service orchestration, ensuring data consistency during high volumes of simultaneous requests
- Acted as embedded engineer for Irish client; improved workflows and delivered critical microservice components

FEB 2021 - OCT 2022

Venturas BD LTD — Sr. Software Engineer

- Fixed critical production performance issues in server-side data resolution, improving reliability, reducing response times, and enhancing user experience
- Helped engineers on identifying root causes of complex bugs and guided adoption of modern frameworks, resulting in fewer bugs and faster development cycles
- Designed architectures for 3+ projects, reducing bug rates by 35% and accelerating feature delivery and Leading SEP (System Error Prevention) team
- Technical Liaison for Japan Clients: Translated complex requirements into scalable solutions, improving client satisfaction.

FEB 2020 - JAN-2021

Gain Solution — Team Lead

- Led both frontend and backend teams, designing a scalable core project structure that reduced code duplication and accelerated feature delivery by over 30%
- Designed architecture for nearly all features, ensuring consistency, maintainability, and improved collaboration across teams
- Mentored a largely junior team, guiding several engineers to mid-level and senior roles through hands-on support and code reviews
- Acted as a communication bridge between PMs, designers, and developers, aligning expectations

NOV 2018 - JAN-2020

Xorent — JavaScript/Laravel developer

- Developed, upgraded, and maintained eCommerce software solutions; wrote clean, extensible code
- Managed payment and subscription systems across multiple products

FEB 2016 - OCT 2018

SBIT — Full Stack Developer

- Built the full project from scratch, fixed bugs, improved speed and design, and worked closely with the team to plan features and structure.

Projects

[TestReach](#) — Your Complete Assessment Solution

Tech stack: JavaScript (TypeScript), NodeJS, Nestjs, Angular, Microservices, PostgreSQL, MongoDB, AWS

TestReach is a cloud-based solution for creating and administering online assessments globally at any time and for any number of candidates, with the added option of remote invigilation. In my capacity as a core team member, I spearhead collaborative efforts with various teams to transition from a legacy monolithic application to a microservices architecture, all while ensuring ongoing support for legacy functionality.

[BaijoKanri](#) — Easily expand the number of managed units

Tech stack: JavaScript (TypeScript), NodeJS, NestJS, NuxtJS, MySQL, AWS

BaijoKanri is a pioneering CRM project, the first of its kind in the Japanese market, designed for property management. This innovative endeavor simplifies property management, sales, and rentals, making every aspect of the process more efficient. I played a central role, contributing to all phases of the project, including requirement analysis, database design, and coding solutions.

[Payday](#) — HRM Solutions

Tech stack: PHP, Laravel, JavaScript, Vue.js, MySQL

Payday is a comprehensive workforce management solution that streamlines operations by integrating attendance, leave, and payroll systems. As a team leader, I led the design and development efforts in collaboration with the Product Owner and the development team. My responsibilities included system design, database design, coding solutions, PR review, and the maintenance of code standards, resulting in enhanced efficiency, transparency.

[Mailer](#) — Email Marketing Application

Tech stack: PHP, Laravel, JavaScript, Vue.js, MySQL

Mailer, The Email Marketing Application revolutionizes newsletter marketing by facilitating the creation of branded newsletters and executing precisely targeted campaigns with dynamic list segmentation. This approach eliminates recurring monthly subscription fees, offering a more professional and cost-effective solution. As a team leader, I led the collaboration with the Product Owner and the developer team in designing and building the system. My responsibilities encompassed database design, coding solutions, peer review management, and upholding stringent code standards, ensuring the project's success.

[FPI](#) — Feni polytechnic institute

Tech stack: PHP, JavaScript, jQuery, MySQL

FPI, A project of personal pride, FPI was developed for the college I attended. This all-encompassing system boasts a wide array of features, such as student attendance tracking, grading, subject management, routine creation, teacher management, and accounting, providing a comprehensive solution for efficient college management. In a solo effort, I undertook the design and development of every component of this project.

Educations

Diploma in Computer Science, Feni Polytechnic Institute – Feni

BSC in CSE, Eastern University - Dhaka