Nuruzzaman Milon

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FULL-STACK SOFTWARE ENGINEER

A Software Engineer with over a decade of experience across diverse industries. I apply expertise in all stages of the software development lifecycle and implement best practices to drive business outcomes. I effectively collaborate with teams to achieve project goals. Key skills include:

Software Development | Architecture | Agile | Innovation | Communication | Leadership | Testing

WORK EXPERIENCE

Diamond Interactive *Vancouver, BC, Canada* — January 2025 – Present
Senior Software Engineer
- Rewrite the whole legacy admin panel, replacing it with a modern and slick alternative for two sweepstakes casino platforms: chanced.com and punt.com.
- Optimize the entire backend API suite to handle 16k concurrent user.
- Created a new fraud detection mechanism for the user redemption workflow, resulting in a 38% reduction in fraud.
- Implemented a new load testing infrastructure that could simulate up to 25k concurrent users, ensuring every new feature maintained performance and stability.
- Used: PHP, Laravel, Postgres, Redis, React, Docker, AWS, k6, etc.

Amazon Development Centre Canada *Vancouver, BC, Canada* — December 2023 – December 2024
Software Development Engineer II
- Contributed as a Software Engineer on the Gift Card Fulfillment and Delivery Charter team, focusing on Amazon Gift Cards.
- Migrated the entire Gift Card Organization's email suite to Amazon's new templating system.
- Used: Java, Typescript, React, AWS, etc.

Software Development Engineer II Toronto, ON, Canada — February 2023 – November 2023
- Working as a software engineer at Amazon Connections in the UX Tech team.

Flix *Berlin, Germany* — January 2020 – January 2023
Senior Software Engineer
- Managed network inventory, generated rides, and oversaw vehicle circulations for the Flixbus and Flixtrain networks across 38 countries on 4 continents.
- Developed a proprietary navigation system for bus drivers within the FlixDriver app, eliminating external dependencies.
- Built a lost and found reporting system directly within the FlixDriver app, reducing lost baggage claims by 44%.
- Used: PHP, Laravel, Symfony, Java, Kotlin, React Native, Kafka, SQS, MySQL, Docker, AWS, Kubernetes, Gitlab CI, React, TypeScript, etc.

Urban Sports Club *Berlin, Germany* — July 2019 – December 2019
Senior Software Engineer
- Created a multi-currency payment system to integrate new payment gateways, facilitating faster growth.
- Led the team, with responsibility for financing, payments, and GDPR compliance.
- Used: PHP, Laravel, Symfony, Phalcon, MySQL, RabbitMQ, Redis, AWS, etc.

Check24 *Münster, NRW, Germany* — May 2018 – June 2019
Senior Software Engineer
- Developed and maintained tires, car parts, and insurance portals for the Autoteile team, serving over 10 million customers.
- Used: PHP, Symfony, Laravel, MySQL, Doctrine, React, Elasticsearch, etc.

Telenor Health *Dhaka, Bangladesh* — May 2016 – April 2018
Senior Software Engineer
- Created a digital healthcare solution providing affordable health services (medications, information, insurance, etc.) to over 5.5 million people.

- Managed a team comprising 4 developers, 3 interns, 1 QA, and 1 DevOps specialist.
- Developed a high-traffic SMS gateway capable of handling 3k req/s and enabling inter-app communication via HTTP.
- Developed a comprehensive CMS for distributing healthcare information to 10 million people.
- Developed a custom tool for queue management, monitoring, and report generation.
- Used: PHP, Laravel, Lumen, Node.js, Express.js, PostgreSQL, Jenkins, Docker, AWS, Ansible, Angular, XMPP, etc.

WeDevs Ltd. *Dhaka, Bangladesh* February 2015 – April 2016
Software Engineer

- Developed the Rx71 health service, featuring health articles, a symptom checker, and a doctor and hospital directory with booking and diet plan services.
- Managed a team of 6 developers, 2 SQA, and 1 DevOps; served as interim CTO for 3 months.
- Used: PHP, Laravel, Lumen, WordPress, MySQL, Angular, IonicJS, socket.io, etc.

Brotecs Technologies Ltd. *Dhaka, Bangladesh* September 2013 – January 2015
Software Engineer

- Built VoIP calling applications for native Android and iOS operating systems.
- Developed a web-based GUI for maintaining the Asterisk PABX server.
- Created airplane entertainment module for SAP-212 hardware device to enable call, email, and web browsing.
- Used: PHP, CodeIgniter, Android SDK, Objective C, Angular, Asterisk, etc.

ITMedicus Bangladesh Ltd. *Dhaka, Bangladesh* February 2011 – August 2013
Programmer and System Analyst

- Wrote and managed the codebase, database, and product design; also handled direct client communications.
- Developed full-fledged telemedicine software to support custom hardware, providing quality healthcare in rural areas.
- Used: PHP, MySQL, Redis, jQuery, bootstrap, etc.

EDUCATION

Mawlana Bhashani Science and Technology University Tangail, Bangladesh
Bsc Engineering in Information and Communication Technology (ICT)

- President, Society of ICT
- Chief Organizer, 1st MBSTU ICT Fest
- Member, Rotary Club of MBSTU

BOOKS

Laravel PHP Web Framework May 2015
Dimik Publication (ISBN: 978-984-33-9190-2)

- Published 2 editions, both of which became best-sellers in Bangladesh and West Bengal, India.

TECHNICAL SKILLS

- **Programming Languages:** PHP, Java, Python, Node
- **Frameworks/Libraries:** Laravel, Symfony, ReactJS, VueJS
- **Web Technologies:** HTML5, CSS3, JavaScript, Typescript
- **Architecture/APIs:** Microservices, REST, GraphQL
- **Project Management:** Agile, Scrum, Kanban
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB, Redis, Elasticsearch, DynamoDB
- **Message Queues:** Kafka, Beanstalkd, IronMQ, RabbitMQ
- **Testing:** PHPUnit, Pest, PHPSpec, Codeception, Behat, Jest
- **Web Servers:** Nginx, Apache, Caddy
- **Cloud Platforms:** Amazon AWS, Google Cloud Services, Microsoft Azure
- **Version Controls:** Git, Jujustu, SVN
- **Methodologies:** Test Driven Development(TDD), Domain Driven Design(DDD)
- **DevOps Tools:** Docker, Kubernetes, Jenkins, Ansible

CERTIFICATIONS

- Certified Laravel Developer – 2018
- Certified Scrum Professional - Developer – 2018
- Certified Scrum Professional - ScrumMaster – 2017
- Advanced Certified Scrum Developer – 2017
- Certified Scrum Developer – 2017
- Certified ScrumMaster – 2016

MISCELLANEOUS

Language

- English (C1 level)
- Bengali (Mother tongue)
- German (A2 level)

Personality

- ESTJ-A (Assertive Executive)

About Me

- Best-seller author
- Open-source contributor and evangelist
- Authored and maintain open-source packages with over 11 million downloads
- Conference speaker
- Managing the largest PHP community of Bangladesh: phpXperts
- Managing the largest JavaScript community of Bangladesh: Talk.js