



# Mohammad Nazmul Ahsan Ovi

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## ● ABOUT ME

Backend Software Engineer with over 6.5 years of experience designing and developing efficient, large-scale web-based systems. Highly experienced in backend and REST API development using Node.js. Experienced in designing and developing highly scalable microservices, event-driven systems. I am passionate about writing clean, maintainable code and follow best practices. I am a Certified Scrum Developer (CSD) and apply Agile and Scrum in day-to-day delivery with cross-functional teams. Having collaborated with diverse international teams across startups and enterprise environments, I excel in cross-functional teamwork, ownership-driven development and effective communication. I want to move into a new software engineering position where I can take new challenges and excel my knowledge.

## ● WORK EXPERIENCE

**SENIOR SOFTWARE ENGINEER – CHEQ LIFESTYLE TECHNOLOGY, INC. (REMOTE)** – 01/01/2025 – Current – WASHINGTON, UNITED STATES

- Working with an agile team as a senior backend engineer where I am responsible for designing & developing scalable backend/REST API services for POS and web based systems serving 300k+ users, ensuring scalability, uptime and seamless user experience under high-traffic conditions.
- Led the design and development of an event-driven reporting service and ETL pipeline using Apache Kafka (AWS MSK) and AWS Redshift with denormalized reporting tables, offloading realtime analytics workloads from the live order database and improving reporting query performance 100x during peak stadium game-time traffic.
- Strengthened platform security and PCI compliance posture by eliminating SQL injection risk patterns across major services and lambda services, remediated Veracode findings and upgraded vulnerable dependencies across major services ultimately resolving 99% of identified security issues.
- Designed and integrated fortress loyalty voucher based discounts with existing non-voucher based discounts flows and contributed in fortress certification process before production rollout.
- Collaborated with product team during discovery and design phase to validate requirements against existing architecture, APIs, data models and operational constrains before implementation.
- Led code review practices and mentored junior engineers through pairing and structured reviews, routinely reviewed high-risk PRs for security, correctness, scalability and maintainability.

**SOFTWARE ENGINEER – CHEQ LIFESTYLE TECHNOLOGY, INC. (REMOTE)** – 06/10/2021 – 31/12/2024 – WASHINGTON, UNITED STATES

- Contributed in designing and developing suite management feature, a premium hospitality and personal-suite commerce platform supporting stadium and arena operations including pre-orders, event scheduling, order lifecycle management, payments, house account manual payments and automated SMS/Email workflows. Contributed to one of the company's highest revenue-generating product areas, representing approximately 30% of company revenue.
- Contributed to the design and development of CHEQ Payment Service (CPS) and its integration with core backend and other related payment services.
- Worked on implementing split payment system resulting in a significant enhancement of the customer experience.
- Contributed to the development of CHEQ SVC (Saved Value Credits), CHEQ's in-house loyalty platform across backend and Go-based loyalty services including interoperability with other third-party loyalty providers.
- Designed and developed remote login workflows for POS devices through the Notification Management Service using realtime socket-based communication and queue worker processing.
- Contributed to development of Social gifting feature where user can send, receive foods as gift and interact with other user activities in community feed, resulting in a \$2M increase in sales.
- Contributed to integrate Launch Darkly to our core backend services for efficient feature flag management.
- Contributed in designing and developing Cloud Printer printing service using Python and FastAPI to support cloud-based kitchen and customer receipt printing workflows.
- Implemented localization support across Customer Web App, POS and backend services ensuring global accessibility.
- Contributed to code review practices, mentored team members for ensuring code quality, reusability and best practices.

**SOFTWARE ENGINEER – EVALY.COM LIMITED** – 02/05/2021 – 30/09/2021 – DHAKA, BANGLADESH

- Worked as a backend developer where I was responsible for developing highly scalable microservices for millions of users of e-commerce platform Evaly.
- Developed Topup service which provides mobile recharge facilities to the users of Evaly.
- Optimized performance significantly by developing separate Cart service for handling millions of request.

- Designed and developed core feature Rental service which provides hourly, daily, monthly rental services to users for intercity and incity rides.
- Developed Corporate service for companies to make transportation easier for employees.
- Implemented location wise vehicle list feature based on user and drivers current latitude/longitude.
- Improved vehicle wise promo code system and referral system for new users.

SOFTWARE ENGINEER – TOPOFSTACK SOFTWARE – 17/11/2019 – 14/12/2020 – DHAKA, BANGLADESH

- Redesigned and developed REST API services for a religious application serving 500k+ users.
- Developed an online examination system where I built, deployed REST API services as well as contributed with frontend developers as a Full-Stack Developer.
- Worked on a government project for municipal corporation and a school management system. I was responsible for developing backend services as well as contributed in frontend.

**EDUCATION AND TRAINING**

01/09/2015 – 13/11/2019 Dhaka, Bangladesh

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE & ENGINEERING** Daffodil International University

The major modules I studied during this degree are:

- Data Structures and Algorithms
- Web Engineering
- Artificial Intelligence
- Software Engineering

**CERTIFIED SCRUM DEVELOPER (CSD)** Scrum Alliance

- Scrum Framework: Roles, Events & Artifacts
- Backlog Refinement, Estimation & Definition of Done
- Agile Engineering & Cross-Functional Team Collaboration
- Iterative Delivery & Continuous Improvement

**PERSONAL SKILLS**

**Technical Skills**

**Languages:** JavaScript(Node.js), TypeScript, Python, Go, PHP, C, C++

**Frameworks:** Express.js, Nest.js, FastAPI, Gin, React.js, Angular, Laravel, Django

**Databases & storage:** MySQL, PostgreSQL, MongoDB, Redis, Amazon Redshift

**Messaging & Real-time Communication:** Apache Kafka (AWS MSK), NATS, RabbitMQ, BullMQ, Socket.io

**Version Control:** Git, used with Bitbucket, Github

**Others:** Microservices, REST API, GraphQL, gRPC, JWT

**DevOps:** Docker, Docker Compose, Kubernetes, Nginx, Load-Balancing, PM2, CI/CD

**Server Administration:** Web application deployment and scaling with AWS, Digital Ocean

**Frontend Development:** Good working knowledge using HTML, CSS and related frameworks

**Code Testing Tools:** Jest, Mocha, Chai, Sinon, TDD

**Collaboration Tools:** Jira, Slack, Microsoft Teams, Trello

**Operating System:** Mac OS, Ubuntu, Windows

**Code Editors & IDE:** Visual Studio Code, WebStorm, Pycharm

**SCRUM/Agile:** Practicing Scrum/Agile methodologies at work

**Soft skills**

Adaptability, Problem Solving, Attention to Detail, Time Management, Effective Communication

**LANGUAGE SKILLS**

Mother tongue(s): **BENGALI**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	C1	C1	C1
<b>GERMAN</b>	A2	A2	A2	A2	A2