Dash Bumchin

Full Stack Developer

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Professional Summary

Software Engineer with **8+ years** of experience in full life-cycle software development (analysis, design, implementation, testing) for cloud-based and testing tools. Expertise in building scalable RESTful APIs, microservices, and secure applications using **Java/Spring Boot**, **React/TypeScript**, and RDBMS (MySQL, PostgreSQL, SQL Server). Proven in **CI/CD automation**, **API security** (JWT/OAuth2/Spring Security), distributed source control (Git/GitHub Actions), and **AWS**/Azure cloud infrastructure. Passionate about AI-first approaches to enhance productivity, innovation, and solutions eager to apply AI capabilities daily in workflows and products.

Senior Full Stack Developer
Mongolsat Networks LLC (Remote) | Ulaanbaatar, MGL • 03/2020 – 12/2025

- Built single page web application (SPA)s from scratch using **React 18, TypeScript, Redux**, **Java 17, Spring Boot 3.0**, and **PostgreSQL**, enhancing revenue and user experience significantly.
- Experienced in building **microservices**, improving scalability and reliability by **75%.** Deployed services on **AWS** using Load Balancer, **API Gateway**, Spring Boot, Kafka, Java, and MongoDB.
- Designed and deployed **50+ secure RESTful APIs** (JSON/XML) with Spring Boot and Redis, improving performance and system reliability by 65%.
- Leveraged **AWS services** (EC2, S3, RDS, Lambda, Route53, API Gateway, CloudWatch, CloudFront) for cloud-native deployments, **reducing deployment time by 50%** and improving reliability.
- Integrated **third-party payment APIs** (QPay, SocialPay) with JWT and Spring Security for secure transactions.
- Automated testing with **JUnit, Selenium, RestAssured, and Cucumber**, reducing manual testing by 40%.
- Optimized CI/CD pipelines using **Bitbucket, GitHub Actions, Docker**, cutting deployment time by 50%.

Full Stack Developer
Interactive BI LLC (Full-Time) | Ulaanbaatar, MGL • 12/2016 – 03/2020

- Migrated ERP system from **ASP.NET** MVC to **ReactJS** and Java backend, improving performance by 60%.
- Developed financial reporting and data visualization modules with **Java/Spring Boot, PostgreSQL, and ReactJS**, enhancing operational efficiency by 40%.
- Designed inventory tracking algorithm in SQL Server, reducing losses by 90%.

Junior Software Developer
Ministry of Finance (Contract) | Ulaanbaatar, MGL • 11/2015 – 12/2016

- Built government inventory management system using **Node.js, JavaScript, and MySQL**, reducing man-hours by 50%.
- Developed dynamic, responsive components with **JavaScript, Bootstrap, and jQuery**.
- Ensured system reliability during the **16th ASEM Summit (2016)** for a $20M government project.

Technical Skills :

Programming Languages: Java, J2EE, TypeScript, JavaScript, Python, SQL

Web Development: Tailwind CSS, HTML5, CSS3, Bootstrap, jQuery, Axios, RESTful APIs, GraphQL

Frameworks & Libraries: Angular 15, NgRx, Spring Boot, Spring Security, Node.js

Database Management: PostgreSQL, SQL Server, MySQL, MongoDB (NoSQL), JPA

Cloud Platforms: AWS (EC2, Lambda, S3, RDS), Microsoft Azure (MySQL Flexible Server, App Service)

Caching & Messaging Systems: Kafka, Redis

DevOps & CI/CD: Git, GitHub Actions, Docker, Jenkins, Kubernetes

Testing & Automation Tools: Selenium WebDriver, Cucumber, JUnit, RestAssured, Postman, TDD/BDD

Project Management & SDLC Tools: JIRA, Confluence, Bitbucket, Agile (Scrum)

Education :

*Master`s | Computer Science | University of Potomac |**Expected** (12/2027) | Virginia, VA, USA*

Bachelor | Information Technology | Mongolian International University | 05/2015 | Ulaanbaatar, Mongolia