

# Dash Bumchin

## SOFTWARE DEVELOPMENT ENGINEER(SDE)

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Available for full-time, W-2 employment under CPT until December 2025.

As a Software engineer in software development with over 7+ years of hands-on experience, delivered high-quality results in various domains including ERP, Fintech, and Streaming web applications. With strong proficiency in Java, Spring Boot, and Angular for web-based applications, databases, and APIs, possess a proven track record of achieving targets under the high-stress situations and resource constrains. My in-depth knowledge and experience on developed web-based systems, making me the valuable asset to any IT team.

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**Languages:** Java, C#, HTML, Typescript, JavaScript

**Web:** HTML, CSS, Bootstrap, NodeJS, AJAX

**Web Services:** SOAP, REST

**Frameworks:** Angular, Spring MVC, Express.js, ASP.net

**Testing Frameworks:** Junit, Mockito

**Messaging:** RabbitMQ, Kafka

**SDLC:** Agile, TDD, BDD

**CI/CD:** Jenkin, Git, GitHub

**RDBMS:** Oracle, MS SQL, MySQL

**ORM:** Hibernate, JDBC, JPA

**Tools:** IntelliJ IDEA, Eclipse, Visual Studio, Visual Code, Postman, Jira, BitBucket

**Cloud:** AWS S3

**Deployment:** Dockerm, Kubernetes

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## PROFESSIONAL EXPERIENCE

### Mongolsat Networks LLC

• 03/2020 – 04/2023

consulting television broadcasting services

#### Software Developer

- Spearheaded the development of a robust web application using Angular and NodeJS, currently utilized by over 30,000 users, significantly enhancing user engagement and accessibility.
- Optimized the back-end performance of a web application using MySQL, reduced repetitive blocks of queries, implemented stored procedures, and improved performance speed by 50%.
- Developed user-friendly customer portals with personalized dashboards using Angular, TypeScript, JavaScript, and Bootstrap, enhancing client satisfaction, retention, and positively impacting customer relationships.
- Utilized third-party APIs and created RESTful API using Spring Boot and gained significant improvement customer satisfaction and profit.
- Implementing JWT and to securing APIs from unauthorized access.
- Collaborating cross-teams in agile development environment.
- Developed APIs using Visual Studio (C#), tested with Postman to enhance performance and functionality by 30% for front-end developers.
- Managed web services and server infrastructure using Internet Information Services (IIS), ensuring the high availability and security of the platform.
- Complete assigned tasks following an agile development framework, support development sprints, and use tools such as Jira and Confluence to track progress and maintain technical documentation
- Mentorship with juniors developers.

**Technologies Used:** Angular, Postman, Visual Code, NodeJS, IIS, MySQL, C#.

**Interactive B I LLC**

• 12/2016 – 03/2020

A leading market supplier of financial accounting systems and automated solutions for all types of business organizations.

**Software Developer**

- Designed an ERP system (Finance automation) using Java and Spring Boot for a backend module, while utilizing ASP.NET for another frontend module based on business needs, meeting 100% of the requirements.
- Implemented DevOps creates reusable and scalable components for desktop and web application dashboards.
- Participated in code reviews weekly for standards, security, efficiency
- Working with cross-functional team in scrum environment produced clear, maintainable, and well-tested code.
- Deep understanding of databases both (SQL and NO SQL)
- Utilized lambda expression simplified complexed logic into a separated method.
- Implemented a dynamic content-driven web application and web pages using ASP.NET, leading to faster compilation time and reduced development efforts.
- Optimized stored procedures in MySQL, improving finance report computing time by 25%.
- Increased the productivity and efficiency of team members by developing functional modules and tools like a code generator, which enhanced team performance by 40%.
- Collaborated effectively with clients, organized team meetings to address their requirements, and worked seamlessly with both clients and the testing team to identify and swiftly resolve technical challenges.
- Migrate legacy applications to modern technology stacks and cloud-based environments
- Participate in agile/scrums team ceremonies and status meetings with clients

**Technologies Used:** Java, Spring Boot, ASP.NET, MSSQL, JavaScript.

**Ministry of Finance Mongolia**

• 11/2015 – 12/2016

The Ministry of Finance of Mongolia (MOF) is responsible for managing the public finances of Mongolia.

**Software Developer**

- Built an IT hardware registration portal, automating inventory reconciliation with Java, MSSQL, ASP.NET, HTML, and Bootstrap, resulting in a 40% reduction in man-hours and costs.
- Administered current systems, providing ongoing support and maintenance.
- Diligently prepared and categorized device reports for ministry registration.

**Technologies Used:** Java, ASP.NET, MSSQL, HTML, Bootstrap.

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**CERTIFICATIONS****Introduction AWS Cloud**

Course authorized by Amazon Web Services and offered through Coursera (01/2024)

**INTERNSHIP EXPERIENCE****Isatcom LLC, Ulaanbaatar, Ulaanbaatar • 05/2015 – 06/2015**

An organization providing consulting services in the field of space communication.

**Support Engineer**

Completed an intensive internship, gaining hands-on experience in technical support and customer service.

- Specialized in providing consulting services in the field of space communication, contributing to cutting-edge projects.
- Played a key role in extending support to remote and farthest areas of the country, ensuring wide-reaching service coverage.
- Utilized expertise in space communication technologies to offer solutions and enhance communication capabilities in challenging environments.

**Technologies Used:** DVB-S2 technology

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## ACADEMIC PROJECTS

### Maharishi International University (2023)

- **Library System:** Developed a comprehensive library system tailored for university students, focusing on streamlined registration processes for books and student accounts. Utilized Java and Spring Boot to create a user-friendly and efficient platform, significantly enhancing the library experience for students and staff.
- **Reservation System:** Developed a hotel room reservation system using Java, Spring Boot, and Maven, incorporating Spring Security with JWT tokens for secure logins. This efficient and user-friendly system enhances booking experiences while ensuring data security and scalability.

### Mongolian International University (2015)

- **Healthy Life:** Created a health-focused app that recommends daily calorie intake and exercises based on BMI, using Node.js, Angular, and Express for a user-friendly experience.
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## EDUCATION

### Master of Science in Computer Science

*(In progress via distance education; expected completion 12/2025)*

Maharishi International University, Fairfield, Iowa

*Key Courses: Modern Programming Practices, Web Application Programming, Algorithms, Modern Web Application, Enterprise Architecture*

### Bachelor of Science in Computer Science

Mongolian International University, Mongolia, Baynzurkh district (05/2015)