

# TODGEREL BAALAIKHUU

Fairfield, Iowa 52557 • 641.233.9808 • [todgerel.baalaikhuu@gmail.com](mailto:todgerel.baalaikhuu@gmail.com)  
[www.linkedin.com/in/todgerel-baalaikhuu](http://www.linkedin.com/in/todgerel-baalaikhuu)

## JAVA DEVELOPER

Passionate and competitive Java Developer with 9 years of professional experience developing, implementing, and maintaining ERP systems that improve processes for leading corporations. Manage team in gathering and analyzing requirements to design effective software and technical solutions. Skilled in using technologies such as Java, Spring Boot, Spring Data, Spring Security, MS SQL, PostgreSQL, MySQL, MongoDB, Node.js, and Express.js.

---

Software Engineering • Development / Implementation • Database Design • Problem Solving  
Dependency Injection • Microservices • Web Services • Project Management • Backend Development  
UML Diagrams • Design Patterns

**Languages:** Java

**Web:** HTML5, CSS3, Bootstrap, jQuery, AJAX, JSP, Servlets, JavaScript, TypeScript

**Web Services:** RESTful, JSON, Spring RESTful Web Services

**Web and Application Servers:** Apache, Tomcat, NGINX

**Frameworks:** Spring (Spring Core, Spring Boot, Spring MVC), Hibernate, Angular, Express.js, JPA

**Databases:** MS SQL, PostgreSQL, MySQL, MongoDB

**Design Patterns:** MVC, Singleton, Factory Method, Facade, Decorator

**SDLC:** Agile, Waterfall

**Tools:** Eclipse, VS Code, IntelliJ IDEA, Git, Maven, Postman, MySQL Workbench, MongoDB Compass, MongoDB Atlas, Docker, Kafka, Trello, RabbitMQ, StarUML

**Platforms:** Windows, Linux, Google Cloud, AWS (S3, EC2)

---

## PROFESSIONAL EXPERIENCE

**CAREER NOTE:** Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

### PUREINTEGRATION LLC, Philadelphia, USA • 2023-present

Information Technology and Services company. Working as a Senior Associate with Client COMCAST.

#### Senior Software Engineer, Senior Associate

- Design, build and scale sophisticated high-volume server-side applications and frameworks.
- Translate high-level requirements to actionable tasks/deliverables. Produce high-quality software that is unit-tested, code reviewed, and continuously integrated.
- Write reusable, testable, and maintainable code. Write code that meets functional requirements and is testable and maintainable. Collaborate with QA in test planning and test coverage.
- Work with the Quality Assurance team to determine if applications fit specifications and technical requirements. Collaborate with DevOps and CI/CD in operational visibility, triaging incidents, and deployment planning.

**Technologies Used:** Java, Python; MongoDB, MySQL, IntelliJ IDEA, Docker, Kafka, Git, Maven, RabbitMQ, StarUML, Grafana, Prometheus, Postman, Jenkins, JIRA, Slack, Teams

### ONECFORUS LLC, Ulaanbaatar, Mongolia • 2019-2022

Leading software development company in Mongolia.

#### Senior Software Engineer

Led ERP System implementation in MCS Coca-Cola, ERP System development in Anungoo (distributor company of Procter and Gamble), and Fulfillment Warehouse System implementation in Almintaka.

- Contributed to system development and analysis as well as architecture design.
- Ensured compliance with all requirements throughout development phases.
- Enhanced productivity of production workers, early detection of production errors, and planning by achieving 100% integration of Coca-Cola's production department system.
- Improved order processing time by 30% by ensuring the successful implementation of the fulfillment system.
- Awarded Employee of the Year (2020, 2021).

**Technologies Used:** Java, MS SQL, PostgreSQL, Eclipse, IntelliJ IDEA, VS Code, Windows Server, Apache Tomcat, Git, Maven, Postman, Trello, 1C.

#### **ASIA PHARMA LLC, Ulaanbaatar, Mongolia • 2013-2019**

Leading distributor for pharmaceutical companies including Unipharm Inc, Pfizer, and Novartis.

##### **Head of Information Technology Department (2018-2019)**

Led transformation and implementation of ERP system structure according to business logic.

- Managed project implementation for new trade management system and warehouse system.
- Spearheaded internal planning meetings and distributed tasks to team members.
- Maximized department competency by developing and implementing internal training courses.
- Certified with Honor from Department of Information and Communication Technologies of Mongolia in 2018 and awarded for valuable contribution to e-transition of organizations and enterprises in Mongolia.

**Technologies Used:** Java, Apache Tomcat, MS SQL, PostgreSQL, Eclipse, IntelliJ IDEA, VS Code, Windows Server, 1C.

**TODGEREL BAALAIKHUU • Page 2 • 641.233.9808 • [todgerel.baalaikhuu@gmail.com](mailto:todgerel.baalaikhuu@gmail.com)**

---

#### **ASIA PHARMA LLC (continued)**

##### **Senior Software Engineer (2014-2018)**

Built a comprehensive ERP system with online ordering and mobile application.

- Created new features for the ERP system according to requirements.
- Integrated applications with other systems including the government's electronic health system, online prescription system for health insurance, and electronic tax and VAT system.
- Spearheaded communication with other software development companies.
- Recognized with Medal of Labor of Mongolian Youth Union for valuable contribution to electronic transition for the pharmaceutical industry.

**Technologies Used:** Java, Apache server, MS SQL, PostgreSQL, Eclipse, Windows Server, 1C.

##### **Software Engineer**

Contributed to the implementation of the ERP system.

- Designed and implemented features for sales modules.
- Performed testing on newly developed features for the system.
- Streamlined sales and warehouse processes with new systems and features.

**Technologies Used:** Java, Eclipse, MS SQL, Windows Server, 1C.

#### **ACADEMIC PROJECTS**

**Microservice Application:** Designed system to review TV shows and movies with numerous services with different databases. Implemented RESTful Web Services with asynchronous messages. And deployed in Docker environment. **Technologies Used:** Java, Spring Boot, Spring Boot Data, Spring Security, RabbitMQ, Kafka, Docker, Maven, Git, RESTful Web Service, IntelliJ IDEA.

**Alumni Management Portal (Alumni Portal):** Developed online Alumni Management Portal to track college graduates as part of 4-person team. Designed system architecture and database. Implemented User Authentication and Authorization using Spring Boot Security and Single Sign-on Authentication. Created user interface for user, user profile, and student's job advertisement using React.js. Used PostgreSQL as primary data storage solution for application. **Technologies Used:** Spring, Spring Data, ReactJS, AWS S3, Redux, Docker, Git, RESTful Web Service, VS Code, StarUML.

**Book Sharing System:** Collaborated with team to create online book exchange system with backend and user interface. Implemented JWT for Single Sign-On Authentication. **Technologies Used:** JavaScript, Node.js, Express, MongoDB, Angular, AWS S3, Redux, Docker, Git, RESTful Web Service, VS Code.

**Driving School System:** Administered database and wrote various queries to retrieve data. Implemented stored procedures, functions, views, triggers, and cursors. **Technologies Used:** SQL, MySQL, MySQL Workbench, StarUML.

**Library Management System:** Created library management system with functionalities for user registration and book management. Established roles for administrator and librarian. **Technologies Used:** Java, Swing, Git, StarUML.

## **EDUCATION**

### **Master of Science in Computer Science (GPA: 3.8)**

*(In progress via distance education; expected completion December 2024)*

Maharishi International University, Fairfield, Iowa

**Key Courses:** *Fundamental Programming Practices, Modern Programming Practices, Database Management Systems, Web Programming, Modern Web Applications, Enterprise Architecture, Web Application Architecture*

### **Bachelor of Science in Computer Software Engineering (GPA: 3.8)**

Peter the Great Saint Petersburg Polytechnic University, Saint Petersburg, Russia