Tushig Tsogtbaatar

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# SUMMARY

Experienced full-stack software engineer with 7 years of expertise in designing and developing robust, scalable microservices using Spring Boot and crafting user-centric web applications with seamless user experience in React and Angular. In addition to my strong background in banking and retail, I specialize in developing platform-agnostic mobile applications using React Native.

# PROFESSIONAL EXPERIENCE

## [Seed Approach LLC](https://seedapproach.com/) Remote *Technical Lead February 2024 – Present*

* **Developed a platform that connects users with independent contractors who assist with various tasks, jobs, and errands via a mobile application built with React Native and Spring Boot.**
* Implemented features allowing users to create tasks by specifying categories, descriptions, addresses, and dates, while contractors can accept and complete tasks using **React and Redux**.
* Led and mentored a team of three developers in building the **mobile application in React Native and the RESTful API using Spring Boot.**

## [Tanco LLC](https://tanco.mn/) Ulaanbaatar, Mongolia *Senior Full Stack Software Engineer June 2022 – April 2023*

* **Single-handily built an online store for a retail company using React, Redux, and Spring Boot,** with a product catalog, shopping cart, user account management, order management, promotions and discounts, and interactive find store locations on the map feature.
* **Created an admin panel using React** enabling administrators to manage user accounts, product catalogs, orders, stores, and promotions, while providing data visualizations for sales and order insights.
* **Integrated with two payment gateways to accept payments** via digital wallets, credit, and debit cards, streamlining the payment process.
* **Automated the shipping process by integrating with a third-party shipment system**, reducing shipment delays and cutting shipment costs by 15%.

## [IOTech LLC](https://iotech.mn/) Ulaanbaatar, Mongolia *Senior Full Stack Software Engineer* *September 2021 – June 2022*

* **Created RESTful API with 8 microservices for a sales rep order management mobile application** using Spring Cloud Discovery, Spring Cloud Config, Spring Cloud Gateway, and OAuth by Keycloak.
* **Created an admin web application in React and Ant Design** for managing user accounts, products, promotions, stores, orders, and daily tasks of sales reps.
* **Developed a sales rep order management mobile application in Flutter and GetX,** reducing sales process time by 30%.
* **Led and mentored a team of 2 junior full-stack developers** in leveraging Spring Cloud, React, and Flutter.

## [Khan Bank JSC](https://www.khanbank.com/) Ulaanbaatar, Mongolia *Senior Full Stack Software Engineer* *June 2019 – June 2021*

* **Developed online payment modules for intra-bank, ACH, and SWIFT transactions** in web and mobile banking applications using React, React Native, and Redux reducing payment processing time by 15% for over 1.5 million customers.
* **Developed experience layer microservices for web and mobile banking applications with Spring Boot**, enhancing user experience and security by abstracting backend services.
* **Collaborated with a DevOps team to build CI/CD pipelines** by containerizing microservices using Docker and measuring code coverage with SonarQube and JaCoCo.
* **Managed a team of 8 developers** in developing microservices in Spring Boot and web applications in Angular.

## [Khan Bank JSC](https://www.khanbank.com/) Ulaanbaatar, Mongolia *Full Stack Software Engineer February 2017 – June 2019*

* **Converted a banking system from monolithic to microservice architecture** by developing document processing, task management, and transaction microservices with Spring Boot and Kafka.
* **Improved document processing efficiency with a Spring Boot microservice and Angular web application**, decreasing average customer service time by 20%.
* **Boosted front-office efficiency by creating a task management microservice with a customizable approval workflow feature in Spring Boot and Angular**, leading to a 25% reduction in customer wait time.
* **Developed authentication, authorization, and banking teller modules** for an Angular intranet system used in 500+ branches.

## [MONOTT LLC](https://monott.mn/) Ulaanbaatar, Mongolia *Full Stack Software Engineer March 2016 – November 2016*

* **Designed and developed web applications for music and sports streaming** using AngularJS**.**
* **Developed RESTful APIs with Django REST Framework** and integrated them with the Wowza video platform for on-demand services.

# EDUCATION

**Master of Science in Computer Science**

[Maharishi International University](https://www.miu.edu/), Fairfield, IA, United States   
*May 2023 – December 2025 (Expected)*

**Bachelor of Science in Software Engineering**   
[Mongolian University of Science and Technology](https://www.must.edu.mn/en/), Ulaanbaatar, Mongolia

*September 2012 – June 2016*

# CERTIFICATIONS

* **ITIL® Foundation Certificate in IT Service Management**, PeopleCert, 2019
* **COBIT® Foundation Certificate**, ISACA, 2019

# SKILLS

Java, JavaScript, TypeScript, React, React Native, Angular, Spring boot, Docker, Oracle, MySQL, Python, Dart,

Microservices, REST APIs, Redux, Ant Design, RxJS, Spring Cloud, Spring Data JPA, Kafka, RabbitMQ, Hibernate, MyBatis, Cassandra, MongoDB, JUnit, Mockito, RestAssured, NPM, Maven, Git, APIGEE, SonarQube, UI, UX, Agile Development, Scrum, Test Driven Development, Behavior Driven Development, Sonar, Logback, SLF4j, HTML, CSS, XML, Apache Tomcat, Swagger, MyBatis, CI/CD, Jenkins, Unit Test, Redis, Kafka, Node.js, Design Patterns, SonarQube, JDBC, Spring Security, OAuth, AWS, jQuery, RDBMS. NoSQL, LDAP, OAuth2, Mono Repo, Lerna, Grafana, Prometheus