TSOGTBAYAR SUKHBAATAR

Hoffman Estates, IL 60192 • 641-557-0321 • tsogtbayars@icloud.com
https://www.linkedin.com/in/tsogtbayar-sukhbaatar/

FULL STACK SOFTWARE DEVELOPER

Results-driven Full-stack Java Developer with nearly 5 years of expertise in designing, developing, and optimizing highly scalable web and desktop applications. Proven proficiency in building enterprise applications using Dot Net, Spring Boot, React, Angular, and Node.js within an Agile-oriented environment. Specialized in using React and Spring Boot to successfully deliver complex projects for Government and IT industries.

OOP • Web Development and Frameworks • Data Structures • Security • UI/UX Design • Efficiency Improvement
Microservices • Web APIs • Problem Solving • Multithreading • Time Management • Performance Optimization

Languages: Java, C#
Web: React, Typescript, JavaScript, HTML, CSS
Web Services: RESTful services, SOAP, JSON
Web/App Servers: Apache Tomcat, IIS
Frameworks: Spring, Spring Boot, .Net, Django, Express, Angular
Databases/ORM: MySQL, MongoDB, MS SQL, Oracle, MariaDB, Access, Entity Framework, Hibernate
Design Patterns: MVC, Singleton, Factory Method, Prototype, Session, Session factory
SDLC: Agile/Scrum
Tools: GitHub, GitLab, Docker, Maven, Gradle, MySQL Workbench, Oracle SQL Developer, Microsoft SQL Server Management Studio (SSMS), HeidiSQL, Postman, IntelliJ, Visual Studio, Visual Studio Code, PyCharm, Android Studio
Platforms: Windows, MacOS, Linux
Application/Software: Internal Systems of Police Agency, Lakai Sandpine Golf and Resort, Korean Financial Audit System, Egensys, OTT Streaming, Daily Art Story Tv Application.

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).*

MKIT LLC, Ulaanbaatar, Mongolia • 09/2021 – 06/2023
Subsidiaries of South Korean IT Company developing collaboration with only South Korean clients.
Java Developer

- Led cross-platform app development using React, Spring, and Spring Boot, expanding market reach and boosting revenue by 70% through enhanced user experiences across devices and operating systems.
- Designed and constructed scalable backend systems using Node.js, Django, and Spring Boot, prioritizing performance and reliability for high-traffic web and mobile apps in a dynamic and competitive market.
- Customized e-commerce solutions by integrating payment gateways like Kakao Pay, Naver Pay, and Toss Payments, resulting in significant revenue growth through improved online shopping experiences.
- Implemented efficient development workflows and automated testing using Jenkins and Docker, resulting in quicker release cycles and notable enhancements in product quality.
- Directed system integration projects, collaborating with diverse teams to ensure seamless integration of software components, databases, and third-party APIs. Utilizing technologies such as Kakao Talk, Naver, and Pass, this collaborative effort significantly enhanced overall system functionality by 80%.
- Developed user-friendly customer portals with personalized dashboards using React, TypeScript, JavaScript, JSP, and Bootstrap, enhancing client satisfaction and retention and positively impacting customer relationships.

Technologies Used: *Java, Spring Boot, React, TypeScript, JavaScript, Python, Django, Open edX, HTML5, CSS3*

NATIONAL POLICE AGENCY OF MONGOLIA, Ulaanbaatar, Mongolia • 07/2018 – 08/2021
Law enforcement agency.
Full Stack Developer

- Created scalable and multi-threaded server apps leveraging .NET framework, emphasizing concurrency and asynchronous programming for handling high-volume law enforcement data 30% faster.

- Led the development team with Agile methodologies, resulting in a 25% reduction in development cycles. Developed RESTful APIs for efficient data exchange and integrated advanced encryption techniques, ensuring secure departmental communication.
- Programmed and administered complex relational databases in MSSQL and MySQL, optimizing SQL queries and stored procedures. Implemented database partitioning and indexing, resulting in a 40% improvement in high-speed data retrieval and transactional integrity.
- Created user-friendly interfaces in C# and .NET, integrating AJAX for dynamic content. Employed MVC patterns for easier maintenance, resulting in a 20% efficiency boost and smoother navigation for law enforcement staff.
- Crafted specialized reporting tools in Java, C#, and DevExpress, incorporating data visualization for better crime detection. Resulted in a 25% efficiency increase for law enforcement decision-making.
- Applied strong data security in C# and .NET, strengthening encryption for law enforcement data. Ensured privacy with secure authentication, preventing unauthorized access and maintaining information integrity.

Technologies Used: *Java, C#, .NET, ASP.NET MVC, Microsoft SQL Server (MSSQL), MySQL.*

ACADEMIC PROJECTS

Maharishi International University (2023)
- **Library System**: A desktop application managing library functions like book and user management, borrowing, designed by a team of three. Developed sequence diagrams and executed CRUD operations for Books and Users. Integrated all modules using JavaFX, StarUML, Git, GitHub, and Eclipse as the IDE.

- **Artworks and Artists website:** Contributed to the Artworks and Artists Management system by utilizing Express.js, HTML5, and CSS3. Collaborated in a team to enhance the website's user interface and optimize the overall user experience.

- **Artworks and Artists website:** Spearheaded the development of an Artworks and Artists Management system, overseeing MongoDB database integration and leveraging Express.js for the backend, Angular.io for the frontend, and Node.js for seamless functionality.

- **Alumni Tracking System:** An online platform enhancing college graduate monitoring. It improves the tracking process, provides alumni data to faculties, and offers a web portal for alumni to update their job status. Developed using Spring Boot, Java, Hibernate, React, JavaScript, CSS, and Bootstrap.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2025)
Maharishi International University, Fairfield, Iowa

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

Bachelors in information technology
Mongolian University of Science and Technology, Ulaanbaatar, Mongolia (2018)

CERTIFICATIONS

Cryptocurrencies Investigations Issued by OSCE UNODC (05/2020)
(Organization for Security and Co-operation in Europe, United Nations Office on Drugs and Crime)
Credential ID 23025ef632

Cisco Certified Network Associate Security (CCNA) Issued by System Center Mongolia (11/2020)

Web Hacking Issued by System Center Mongolia (12/2019)