Uguumur Oldokh

FULLSTACK DEVELOPER

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◎ Dallas, Texas

🕐 Full time, W2

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Technical Skills

▪ Languages

JavaScript, TypeScript, Python, GraphQL, Java, HTML & CSS

▪ Frameworks & Libraries

React, Redux, Next.js, Node.js, Express, Flask, Pandas, NumPy, TensorFlow, Spring Boot, Jest, Test-Driven Development

▪ Databases

PostgreSQL, MongoDB, MS-SQL, MySQL

▪ DevOPS & Tools

Docker, Kubernetes, AWS, Git, GitHub, GitLab, BitBucket, MuleSoft, ELK Stack, NGINX, Jenkins, Kafka, RabbitMQ

▪ Certifications

AWS Cloud Practitioner

Professional Summary

Software Engineer with 8 years of experience, with a stronger focus on frontend development while also proficient in backend technologies. Skilled in developing, designing, and maintaining enterprise web applications using JavaScript and Python. Experienced in both startups and large corporations, and adept at working within Waterfall and Agile/Scrum methodologies. Quick to learn and adapt, capable of taking on challenges and delivering production-ready solutions efficiently. Proficient in frontend tools like React and Next.js, as well as backend technologies like Node.js, Express.js, PostgreSQL, and MongoDB.

Employment History

Senior developer at Nest Education IT School

🕐 January 2022- October 2023   ◎ Ulaanbaatar, Mongolia

- Designed the architecture and implemented a wallet system within the School ERP, utilizing React.js, Next.js with TypeScript, Redux, Tailwind CSS, Express.js, and MySQL. Coded frontend designs based on Figma prototypes provided by the UI/UX team. This integration enhanced financial management within the ERP, providing students and staff with a streamlined payment solution.
- Implemented and integrated a new feature middleware payment module with Typescript, expressJS using QPay in the www.ulger.mn fairy tale mobile application.
- Led a cross-functional team in the development of a local ERP program, utilizing Python and Raspberry OS to integrate NFC readers. This implementation streamlined business processes and bolstered security measures, enhancing access control within the organization.

<u>Technologies Used:</u> TypeScript, JavaScript, ReactJS, NextJS, NodeJS, TailwindCSS, MongoDB, MySQL, Redux, AWS – EC2, Figma, GraphQL

Software Developer at Oyu Tolgoi

🕐 April 2019- December 2021   ◎ Ulaanbaatar, Mongolia

- Implemented a project to migrate and transform code to MuleSoft (Java), focusing on identifying and eliminating unnecessary processes. Achieved significant cost savings and received recognition and rewards from the parent company, RioTinto, for successful implementation.
- Implemented a mission-critical underground blasting acknowledgment system using ReactJS and MaterialUI , following Waterfall methodology.
- Collaborated with stakeholders for seamless integration and implemented robust features to enhance performance and reliability, enhancing and maintaining safety and efficiency in underground operations.
- Refactored Java, JavaScript, and Python code to achieve loose coupling for microservices. Collaborated with the database and DevOps teams to build Docker images, and deployed and maintained the code in Kubernetes.

<u>Technologies Used:</u> Java, JavaScript, Python, ReactJS, VueJS, TypeScript, MaterialUI, Azure Cloud, ELK stack, MuleSoft, Kubernetes, Docker, Jenkins, Nginx, Kafka, RabbitMQ, Tableau

Senior Full-stack developer at Dentsu Data Artist Mongol

🕐 March 2018 - April 2019   📍 Ulaanbaatar, Mongolia

- Developed APIs for the Asta-Muse project using Python with Flask to address integration needs. Implemented and tested multiple endpoints, deployed it in EC2 cloud server, ensuring seamless interaction between components. This led to improved system performance and reliability.
- Developed a predictive model for the Asta-Muse project using Node.js, TensorFlow.js, and Chromium with Lean and Scrum methodologies. Achieved over 90% accuracy in detecting fake URLs, significantly reducing the time spent on invalid URLs and boosting overall efficiency and productivity.
- Managed the data processing pipeline for the Asta-Muse project, performing comprehensive data cleaning, normalization, and preparation with Python. Leveraged Pandas, NumPy, and scikit-learn for dataset cleaning and standardization, ensuring high quality and consistency.

Technologies Used: ReactJS, NodeJS, Python, TypeScript, Flask, Tensorflow, TensorflowJS, EC2, S3, AWS Lambda, Docker, CI/CD

Full-stack Software Developer at Interactive BI

🕐 January 2015 - February 2018   📍 Ulaanbaatar, Mongolia

- Developed a financial program for a Non-Bank organization using Java EE for backend and MSSQL, .NET Framework for frontend, implementing monthly interest and loss calculations, and enhancing financial accuracy.
- Implemented detailed financial reports for loan analysis using Java EE for the backend and .NET DevExpress Framework for the frontend. Leveraged Java EE to handle data processing efficiently and implemented user-friendly interfaces with .NET DevExpress, enhancing reporting accuracy and efficiency.
- Created a profit calculation module in a POS program using FIFO calculation, enhancing efficiency and accuracy in profit calculations. Leveraged Waterfall methodology to ensure precise cost allocation and streamline operational workflows, resulting in improved financial reporting and informed decision-making.

Technologies Used: Java, .NET, MSSQL, Java EE, Java Server Faces, Primefaces, DevExpress, Wildfly, Team Foundation Server

Education

Master of Computer Science, Maharishi International University

📍 Fairfield, Iowa   🕐 November 2023 - Present

In progress via distance education. Expected completion 06/2026

Bachelor's of Computer Science, Mongolian University of Science and Technology

📍 Ulaanbaatar, Mongolia   🕐 September 2010 - June 2014