ERDENEBULGAN, MUNKH ERDENE

Portfolio: https://munkh-erdene.com   **Email:** m.erdene404@gmail.com

LinkedIn: https://www.linkedin.com/in/munkh-erdene-e-510408212/   **Cell:** 301-276-7788

- **MASTER's degree in Computer Science - JavaScript Full Stack Developer**
  Maharishi International University, Fairfield, Iowa. 2023
- **BACHELOR's degree in Business Administration – Bank economics and Finance**
  MBI University, Ulaanbaatar, Mongolia. 2009

I am a full-stack developer with 3+ years of software development experience, specializing in MERN stack development. My expertise balanced both front-end React.js HTML, CSS, JavaScript, TypeScript, Bootstrap, Sass, PostCSS and back-end Node.js, Express.js, JSON, MongoDB, MySQL, AWS development, focusing on scalable and responsive web and mobile applications. I excel in optimizing software development practices and providing architectural support, backed by a strong foundation in API design and SQL/NoSQL database management. I'm well-versed in server auto-scaling technologies and the development of serverless systems within cloud-based environments. With a proven track record in streamlined collaboration for version control and efficient CI/CD deployment, my unwavering commitment is to create efficient and scalable software.

PROFESSIONAL EXPERIENCE

Full-stack Developer - Byte2AI LLC,   **Tysons Corner, Virginia. Feb 2023 – Oct 2024**

As a Full-stack Developer at Byte2AI LLC, specializing in React.js and other front-end technologies, I have played a pivotal role in developing user-centric web applications that enhance user interaction and operational efficiency. My role involves deep collaboration with cross-functional teams to deliver high-quality, scalable solutions within an Agile framework.

Responsibilities:
- Led the development of dynamic and responsive user interfaces using React.js, significantly enhancing user engagement and satisfaction. Implemented state management using libraries such as Redux to maintain an organized and efficient codebase.
- Worked closely with UX designers, back-end developers, and project stakeholders to define and implement new features that meet business requirements. This collaboration ensured that all aspects of the project aligned with the human-centered design practices, mirroring the UXD focus.
- Focused on optimizing web applications for speed and scalability. Utilized modern JavaScript techniques and effective API integrations to ensure seamless data flow and user interactions across platforms.
- Regularly engaged in debugging and troubleshooting applications across a variety of browsers and devices, enhancing the accessibility and reliability of applications.
- Committed to writing clean, maintainable, and efficient code. Actively participated in code reviews, both as a reviewer and a contributor, fostering a culture of continuous improvement and quality assurance within the team.
- Thrived in an Agile development environment, rapidly adapting to changes and efficiently meeting sprint goals. This experience prepares me to seamlessly integrate with Agile practices and contribute to the mission from day one.

Environments: HTML, CSS, JavaScript, TypeScript, Jira, MongoDB, Express.js, Node.js, Angular.js, React.js, React Native, Next.js, Redux, AWS, Google Firebase, Netlify, Vercel, Bootstrap, SASS, LESS,

PostCSS, Flexbox, GraphQL, Apollo, NPM, Webpack, Postman, Swagger, VS code, Linux, Docker, Kubernetes, MySQL, PostgreSQL, Rest API, Git.

JavaScript Full-stack Developer – Emerson,   **Denver, Colorado. Oct 2019 - Dec 2021**

Full-stack Developer at Emerson, specializing in developing efficient, modular, and reusable UI components using React and functionally driven JavaScript. Proficient in performance optimization, logical core implementation, and RESTful API integration. Experienced in cross-browser compatibility and versatile web development technologies.

Responsibilities:
- Developed React and JavaScript-based UI components with a focus on reusability and modularity.
- Spearheaded performance optimization initiatives to ensure a responsive and efficient user experience.
- Designed front-end screens using React.js and integrated prebuilt components from NPM and Redux library for efficient development.
- Engineered dynamic, cross-browser compatible web pages using HTML, CSS, Angular, and JavaScript.
- Collaborated closely with backend developers to design and implement RESTful APIs and web services, ensuring seamless data integration between front-end and back-end systems.

Environments: HTML, CSS, Angular, JavaScript, React.js, Next.js, Bootstrap, SASS, LESS, MySQL, PostgreSQL, MongoDB, Node, Express, GitHub, Git Bash, Jest, TestNG, Selenium, Cucumber, Postman, Agile, JIRA, Swagger, Visual Studio Code, IntelliJ, Eclipse, Windows, Linux, WebSocket, Teams, Zoom

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Java
Web Technologies: HTML, CSS, Bootstrap, SASS, LESS, PostCSS, WordPress, Shopify
Databases: MySQL, PostgreSQL, MongoDB, DynamoDB, RDBMS
Backend Development: Express.js, Node.js, RESTful, REST-API, GraphQL, Apollo
Frontend Development: Next.js, Angular.js, React.js, React Native
Package Managers: NPM, Maven, Webpack, NVM, Yarn
Version Control: GitHub, Git Bash, Git
Testing and Quality Assurance: Mocha, Jest, TestNG, Selenium, Cucumber, Postman
Design and Multimedia Tools: Adobe Photoshop
Cloud Services: Google Firebase, AWS, Netlify, Vercel
Operating Systems: Windows, Mac, Linux
Other Tools and Services: WebSocket, Teams, Zoom, Google Sheets Docs, Docker, Kubernetes
API Documentation & Project Management: Agile, JIRA, Swagger, Sentry, Slack
Integrated Development Environments (IDEs): Visual Studio Code, IntelliJ, Eclipse

From June 2009 to March 2014, I held various roles at Golomt Bank in Ulaanbaatar, Mongolia, culminating in the position of Relationship Manager. Initially serving as a Service Manager and Teller, I handled daily ATM operations, customer transactions, and network troubleshooting. As an Account Manager, I managed budget reports, investment monitoring, and board meeting operations. In my final role as Relationship Manager, I developed financial plans for high-net-worth clients, led a team to achieve the bank's goals with high customer satisfaction, and managed complex loan processes and relationships. My tenure at

Golomt Bank was marked by a strong performance in client management, team leadership, and financial operations.