MUNKH ERDENEBULGAN

Email: merdenebulgan35@gmail.com   **Cell:** 301-276-7788
LinkedIn: https://www.linkedin.com/in/munkh-e-510408212   **Portfolio**: https://munkh-erdene.com

Accomplished Full-stack developer with over 5 years of software development experience, specializing in MERN stack development. My expertise balanced both front-end React.js HTML, CSS, JavaScript, TypeScript, Flex, 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.

TECHNICAL SKILLS

Programming Languages:	JavaScript, TypeScript, Java
Web Technologies:	HTML 5, CSS 3, Bootstrap, SASS, LESS, POSTCSS, Flexbox, Tailwind
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

PROFESSIONAL EXPERIENCE

Full-stack Developer - Byte2AI LLC,   **Tysons Corner, Virginia. Feb 2022 – Present**

As a Full-stack Developer at Byte2AI LLC, I am committed to delivering exceptional User Interfaces (UI) and fostering a collaborative development environment. My expertise lies in leading end-to-end UI projects, guiding React-based development, and enhancing product quality through innovative solutions. I am proficient in UI design, Agile methodologies, and CI/CD practices, with a diverse skill set in various programming languages and cutting-edge tools.

Responsibilities:

- Lead end-to-end UI architecture, design, testing, and delivery to meet product requirements. Successfully increased user engagement by 25% through intuitive design improvements.
- Mentor and guide UI engineers specializing in React-based development like Next.js, TypeScript, resulting in a 30% increase in team productivity.
- Establish development standards, design principles, and a repository of reusable components, reducing development time by 20% and ensuring cohesive user experiences.
- Contributed innovative solutions, leading to a 15% increase in product quality as measured by customer satisfaction surveys.
- Leverage robust background in Software Design and Architecture within the Agile development lifecycle, resulting in a 10% reduction in development cycle times.
- Demonstrated hands-on proficiency in UI design, mockup creation, and crafting end-user interfaces, leading to a 40% increase in UI consistency and usability.

- Navigate CI/CD and DevOps with comprehensive knowledge of tools like GIT, improving deployment efficiency by 25%.
- Exhibited extensive hands-on experience in UI development across multiple programming languages, emphasizing React.js, JavaScript, TypeScript, Angular.js, and node.js, leading to a 35% improvement in cross-platform performance and scalability.

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.

Web Developer – GrapeCity Inc,   **Arlington, Virginia. Aug 2019 – Feb 2022**

As a Web Developer at GrapeCity Inc, I was dedicated to designing, developing, and implementing high-quality, scalable, and maintainable code for web applications. Known for my proficiency in collaboration, code reviews, debugging, and staying abreast with the latest industry trends, I possess a diverse skill set across various technologies and programming languages.

Responsibilities:
- Designed, developed, and implemented high-quality, scalable, and maintainable code for web applications, contributing to a 20% increase in application performance and scalability.
- Collaborated closely with the development team to transform design mock-ups into fully functional features, increasing team efficiency by 25% and reducing time-to-market.
- Actively participated in code reviews, providing valuable feedback that enhanced overall code quality, leading to a 30% reduction in post-deployment bug fixes.
- Proficiently debugged and resolved software defects and issues, improving application stability by 40%.
- Stayed diligently updated with the latest industry trends and best practices in full-stack development, integrating 5+ cutting-edge technologies which enhanced system functionality and user experience.

Environments: HTML, CSS, SASS, Post CSS, JavaScript, REST API, GraphQL, Linux, AWS, Firebase, SQL, C, Apollo, Docker, Kubernetes, React.js, Next.js, Angular, Git, MongoDB, Node, Express, Bootstrap5, Tailwind, Java, Git.

Full-stack Developer – CollaboraIT INC,   **Falls Church, Virginia. Aug 2018 - Aug 2019**

Full-stack Developer at CollaboraIT Inc, 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

EDUCATION: **MASTER's degree in computer science - JavaScript Full Stack Developer**
                                        Maharishi International University, Fairfield, Iowa. 2023.