

Erdene Bulgan, Munkh Erdene

Full-Stack Developer

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Phone: 301-276-7788 | Location: USA (Sponsorship Not Required)

Education

- **Master's Degree in Computer Science (Full-Stack Development)**
Maharishi International University – Fairfield, IA | 2023
 - **Bachelor's Degree in Business Administration (Bank Economics & Finance)**
MBI University – Ulaanbaatar, Mongolia | 2009
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Professional Summary

Dynamic Full-Stack Developer with over 4 years of experience delivering scalable web applications, specializing in back-end development with Java and Node.js, and proficient in front-end frameworks like React.js and Next.js. Adept at building RESTful APIs, optimizing database performance (MySQL, MongoDB), and implementing CI/CD pipelines with AWS and Docker. Recognized for driving a 40% improvement in application performance through backend optimizations and contributing to 10+ production-grade full-stack projects. Passionate about leveraging Agile methodologies and cloud-native solutions to create robust, user-centric applications.

Technical Skills

- **Languages:** Java, JavaScript (ES6+), TypeScript, Python
 - **Back-End:** Node.js, Express.js, Spring Boot, GraphQL, REST APIs, Microservices
 - **Front-End:** React.js, Next.js, Angular, HTML5, CSS3, Tailwind CSS, Bootstrap
 - **Databases:** MySQL, PostgreSQL, MongoDB, DynamoDB
 - **Cloud & DevOps:** AWS (EC2, S3, Lambda), Google Firebase, Vercel, Netlify, Docker, Kubernetes, CI/CD (GitHub Actions)
 - **Tools & Platforms:** Git, Webpack, NPM, Yarn, JIRA, Swagger, Postman, Sentry
 - **Testing:** Jest, Mocha, JUnit, TestNG, Selenium, Cucumber
 - **Others:** WebSocket, Agile/Scrum, Adobe Photoshop, CapCut
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Professional Experience

Back-End Developer

Revature LLC – Reston, VA

November 2024 – Present

- Architected and maintained high-availability RESTful APIs using Java and Spring Boot, supporting 100K+ daily requests for enterprise web applications.
- Optimized SQL database schemas and queries, reducing query execution time by 30% through indexing and caching strategies.
- Implemented Test-Driven Development (TDD) with JUnit and Mockito, achieving 95% code coverage for critical backend services.
- Collaborated in Agile sprints using Git for version control, resolving 50+ backend tickets and mentoring junior developers on Java best practices.

Tech Stack: Java, Spring Boot, MySQL, Maven, JUnit, Mockito, REST APIs, Git

Full-Stack Developer

Byte2AI LLC – Tysons Corner, VA

February 2023 – October 2024

- Developed 10+ full-stack applications, integrating Node.js/Express.js backends with React.js frontends, achieving 99.9% uptime for client-facing services.
- Engineered third-party API integrations (Stripe, Firebase Auth), streamlining payment processing and user authentication for 5+ web platforms.
- Managed MongoDB databases and automated deployments via GitHub Actions and AWS, reducing deployment time by 25%.
- Debugged and resolved 100+ cross-stack issues using Selenium and Jest, enhancing application reliability and user satisfaction.

Tech Stack: React.js, Node.js, MongoDB, Express.js, AWS, Docker, Kubernetes, Selenium, Jest

Full-Stack JavaScript Developer (Freelance)

Remote, USA

October 2019 – Present

- Designed and deployed RESTful APIs with Node.js, handling 500K+ daily requests for high-traffic client applications.
- Optimized database operations in MySQL and MongoDB, improving application load times by 40% through query optimization and caching.

- Built responsive front-end interfaces with React.js and Next.js, enhancing user engagement for 3+ e-commerce platforms.
- Led Agile project workflows for 5+ clients, driving architecture decisions and delivering projects 10% ahead of schedule.

Tech Stack: React.js, Next.js, Node.js, MongoDB, MySQL, WordPress, JavaScript, Agile

Certifications

- AWS Certified Developer – Associate (In Progress, Expected 2025)
 - JavaScript Algorithms & Data Structures – freeCodeCamp
 - Full-Stack Web Development with React – Coursera
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Soft Skills

- Problem-solving and critical thinking
- Effective communication in Agile teams
- Rapid adaptation to emerging technologies
- Leadership in mentoring and code reviews