

SOFTWARE ENGINEER

Experienced Software Engineer with over 6 years of hands-on work building scalable systems across the full stack using React.js, Java Spring Boot, and Node.js. Skilled in improving UI responsiveness, migrating systems to microservices, and deploying secure applications to AWS. Actively learning Go and familiar with microservice architecture. Interested in creating seamless, high-performance interfaces that support creators and interactive experiences.

Front-End: React.js, Tailwind, JavaScript, Angular

Databases: MySQL, MongoDB, Cassandra, Oracle

DevOps: Kubernetes, Docker, Jenkins, Ansible

Security: OAuth2, JWT, LDAP, Azure AD

Back-End: Java (Spring Boot), Node.js (Express), Flask, Go

Testing: JUnit, Selenium, Postman, Jest.

Cloud: AWS (EC2, EKS, S3), Azure (Azure DevOps)

Collaboration: Jira, ServiceNow, Agile, Git, ClickUp

PROFESSIONAL EXPERIENCE

FULL-STACK DEVELOPER

Erie Technology Incubator Inc. (Jan 2025 – May 2025)

Built a real-time internal web platform to support automation, system responsiveness, and usability for organizational operations.

- Developed end-to-end features using **React.js**, **MobX**, **Node.js**, and **MySQL**, improving user interaction and application performance.
- Integrated Redis caching to reduce data latency, resulting in faster data retrieval and improved system responsiveness.
- Converted Figma-based UI prototypes into reusable and scalable front-end components, streamlining the development process and enhancing design consistency.

GRADUATE ASSISTANT

Gannon University (Feb 2024 – May 2025)

Developed academic tools and full-stack applications to support faculty planning, SDLC education, and student engagement.

- Designed and built a **MERN-stack course scheduling tool**, replacing Excel-based processes and improving efficiency by **80%**.
- Created secure **Node.js/Express APIs** and user-friendly React interfaces to streamline course planning.
- Developed an **AI-powered SDLC generator** using **Vercel**, **Supabase**, and **OpenAI API**, enabling non-technical users to generate project documentation from a simple idea.

DevOps Engineer

Khan Bank (Jan 2022 – July 2023)

Modernized mobile banking infrastructure and implemented automation pipelines for core financial services at Mongolia's largest bank.

- Built AngularJS modules **and** Spring Boot APIs to increase mobile user engagement by **25%**.
- Contributed to CI/CD automation for 30+ microservices using Azure DevOps, Jenkins, and SonarQube, ensuring consistent and reliable deployments
- Migrated legacy Java/WebLogic apps to **microservices on AWS EKS and Azure AKS**, reducing release cycles by **60%**.
- Optimized service latency by applying **data structure fundamentals** (hash maps, trees, sorting), cutting API response time by **40%**.
- Developed **integration and load tests** using **JUnit** and **Selenium** for performance assurance.

SOFTWARE SECURITY ENGINEER

Infosolution LLC (Sep 2017 – Jan 2022)

Delivered enterprise automation and cloud security solutions for finance and government clients, with deep integration into Microsoft Azure services and Microsoft 365.

- Designed and deployed secure cloud architectures using **Azure Resource Manager (ARM)** templates and **Azure DevOps**, accelerating environment setup by 60%.
- Created web-based dashboards in React and AngularJS for threat feed visualization and user activity tracking, enhancing real-time monitoring capabilities.
- Implemented Azure Active Directory (Azure AD) with role-based access controls and conditional access policies, strengthening identity and access management.
- Conducted internal security trainings and Microsoft SaaS onboarding sessions for enterprise teams, boosting adoption and security hygiene.
- Automated compliance and infrastructure audits using Azure Security Center and Microsoft Defender for Cloud.
- Built dashboards and portals with Power BI, SharePoint, and Azure Monitor for real-time user activity, security insights, and threat visualization.
- Managed Microsoft 365 integration, including Exchange Online, SharePoint Online, and Teams, enhancing collaboration across enterprise users.