

# Mimoh Shrestha

Lead Software Engineer

Happy Valley, Oregon | shrestha.mimoh@gmail.com | 650-720-6466 | linkedin.com/in/mimoh-shrestha

## Summary

---

Lead Software Engineer with 14+ years of experience modernizing enterprise systems and building scalable applications across healthcare, manufacturing, and business platforms. Experienced leading cross-team technical initiatives involving cloud migration, frontend architecture, API integration, and engineering workflow improvements. Known for solving complex technical problems, mentoring developers, and helping teams deliver reliable, maintainable systems at scale.

## Selected Highlights

---

- Contributed to modernization efforts involving 37 enterprise applications across cloud migration and legacy platform retirement initiatives.
- Helped improve engineering workflows through CI/CD standardization, deployment automation, and shared engineering practices.
- Built healthcare integrations using HL7 FHIR R4 and legacy SOAP services to support real-time authorization workflows.
- Contributed to frontend and integration architecture decisions that improved maintainability and consistency across enterprise applications.

## Skills

---

**Technical Leadership:** System Modernization, Frontend Architecture, Cloud Migration, API Integration, CI/CD Strategy, Technical Roadmapping, Engineering Standards, Mentorship

**Frontend Engineering:** React, Angular, TypeScript, JavaScript, Redux, Storybook, Web Accessibility, WCAG, ARIA, Jest, Cypress, Webpack, Vite, Component Architecture, Design Systems

**Backend and APIs:** Node.js, Express.js, C#, .NET, REST APIs, GraphQL, HL7 FHIR, SOAP services, MuleSoft, Entity Framework

**Cloud and DevOps:** Azure, AWS, Docker, Kubernetes, Jenkins, Terraform, Ansible, Octopus Deploy, CI/CD pipelines

**Databases:** SQL Server, PostgreSQL, Oracle, DynamoDB, MongoDB, Redis

**Security and Testing:** OAuth, JWT, SSO, Checkmarx, SOC2, HIPAA, Selenium, JMeter, Cucumber, Gherkin

**Tools and Practices:** Git, Jira, Confluence, Agile, Scrum, TDD, Microservices

## Experience

---

### Providence Health Plan

*Lead Software Engineer*

Remote, Beaverton, OR

*September 2019 – Present*

- Participated in a leadership development program focused on mentoring, delivery improvements, and cross-team collaboration.
- Contributed to modernization efforts involving 37 enterprise applications, cloud migration initiatives, deployment automation, and retirement of legacy systems.
- Participated in architecture and technical planning discussions involving modernization, scalability, deployment standardization, and integration strategy.
- Worked across engineering, product, architecture, and business teams to align implementation decisions with long-term scalability and maintainability goals.
- Contributed to frontend and integration architecture decisions that improved maintainability and consistency across enterprise applications.
- Helped improve consistency across teams by contributing to shared engineering practices around testing, deployment workflows, and frontend maintainability.
- Improved CI/CD pipelines and deployment workflows, helping teams reduce release time and improve deployment reliability across environments.

- Helped establish engineering standards around testing, deployment practices, accessibility, and code quality.
- Built a Prior Authorization API using HL7 FHIR R4 and integrated it with legacy SOAP services to support real-time authorization workflows.
- Worked on integration patterns between modern APIs and legacy enterprise systems to support ongoing modernization efforts.
- Supported applications used across multiple healthcare business units with reliability, compliance, and availability requirements.
- Mentored developers on modern frameworks, accessibility, cloud practices, DevOps workflows, and engineering best practices.
- Helped teams navigate technical tradeoffs during migration and integration initiatives involving cloud and legacy platforms.
- Evaluated serverless patterns and AI-assisted development tools to improve development workflows and team efficiency.

### **Daimler Trucks North America**

*Senior Full Stack Engineer*

Portland, OR

*November 2016 – September 2019*

- Helped shape frontend application structure and engineering practices for Manufacturing Engineering applications built with React, Redux, and .NET.
- Supported development of manufacturing applications used for real-time cost tracking and operational forecasting.
- Created dashboards and data visualizations that improved forecasting accuracy and reduced planning cycles by 15%.
- Worked with UX and business teams to redesign workflows using journey mapping and user behavior analysis.
- Introduced CI/CD automation and deployment improvements that reduced deployment time by 50% and improved release reliability.
- Helped improve engineering workflows and delivery practices through automation and process improvements.
- Mentored junior developers, supported Agile delivery practices, and contributed to continuous improvement initiatives across the team.

### **Kaiser Permanente**

*Full Stack Developer*

Lake Oswego, OR

*November 2015 – August 2016*

- Built modular Angular components and automated test pipelines for a MEAN stack healthcare application, improving maintainability and reducing post-release defects.
- Improved accessibility and deployment workflows to support more reliable enterprise releases.
- Worked with application teams to improve frontend structure, testing coverage, and release readiness.

### **Association of Fundraising Professionals**

*Web Developer, CMS Admin, Data Analyst*

Arlington, VA

*February 2011 – October 2015*

- Enhanced the Personify AMS/CRM platform and created operational procedures that improved team efficiency and saved more than 20 staff hours per week.
- Built dashboards and analytics tools that provided near real-time operational insights for business teams.
- Maintained and improved web content, reporting workflows, and member-facing systems used by internal teams and external users.

## **Education**

**University of Maryland | Strayer University**  
B.Sc. in Computer Science, Summa Cum Laude

College Park, MD | Distance Learning  
September 2014 – June 2019