

Oliver Forral

(503) 750-4562 | Oliver.Forral@gmail.com | linkedin.com/in/oliverforral | oliverforral.com

PROFESSIONAL SUMMARY

Senior .NET & React / Full Stack Engineer with 16+ years of experience building scalable, high-performance web applications across enterprise, consulting, and product environments.

Specializes in React, TypeScript, .NET, REST APIs, and modern frontend architecture, with extensive experience building reusable component systems, translating UX mockups into pixel-perfect interfaces, and delivering accessible applications aligned with WCAG 2.1 AA standards.

Trusted to own features end-to-end, including frontend architecture, API integration, internal tooling, and cross-functional collaboration with designers, stakeholders, and engineering teams.

Known for delivering reliable systems, improving developer workflows, and balancing technical quality with business needs.

CORE SKILLS

- **Backend:** C# (.NET), PHP (Symfony), Rust (Axum), Python (FastAPI)
- **Frontend:** TypeScript (React & Angular), Dart (Flutter), HTML5/CSS3 (Bootstrap), component libraries, design systems, accessibility (WCAG 2.1 AA)
- **Testing:** Unit Tests, Integration Tests, E2E Tests, Code Coverage, Branch Coverage
- **Cloud & DevOps:** Azure, AWS, Google Cloud, and GitHub Actions
- **Data:** SQL Server, Postgres, MySQL, SQLite, Oracle, Redis, RavenDB
- **Transport Layer:** REST, gRPC, JSON-API, JSON-RPC

CERTIFICATIONS

- AWS Certified AI Practitioner (Valid: Oct 2024 – Oct 2027)
- AWS Certified Cloud Practitioner (Valid: Dec 2023 – Dec 2026)

EXPERIENCE

Senior Software Engineer | Reason Benefit Corporation | Huntsville, AL (Remote)

June 2025 – Present

- Built and maintained a web application using Python (FastAPI) and TypeScript (Angular)
- Developed API endpoints to support frontend features
- Collaborated with stakeholders to translate requirements into working solutions
- Improved CI/CD workflows in Azure to increase deployment reliability

Senior Full Stack Engineer (Freelance) | Vanmade Gear | Portland, OR (Remote)

September 2021 – Present

- Delivered full-stack inventory features
- Built Rust (Axum) API and Dart (Flutter) frontend applications supporting web, desktop, and mobile
- Worked directly with stakeholders to refine requirements and deliver features
- Deployed and maintained GCP cloud infrastructure

Senior Software Engineer (Contract) | **Office of the State Controller of Idaho** | Boise, ID
July 2024 – November 2024

- Built a secure automation system using C# (Blazor & .NET), and SQL Server
- Developed REST APIs integrating multiple systems, reducing manual provisioning time by ~50%
- Collaborated with stakeholders to validate workflows before implementation

Senior Software Engineer (Contract) | **ICF** | Reston, VA (Remote)
February 2023 – March 2024

- Developed enterprise applications using .NET and React
- Refactored legacy systems into more maintainable architectures
- Improved accessibility compliance to WCAG 2.1 AA standards

Senior Software Engineer (Contract) | **Enerflo** | Huntington Beach, CA (Remote)
May 2022 – August 2022

- Contributed to feature development for a high-traffic SaaS platform written in PHP (Laravel).

Software Engineer | **InComm InCentives** | Portland, OR
June 2017 – September 2021

- Built reusable React + TypeScript component libraries used across multiple applications and teams
- Worked closely with UX designers to translate mockups into pixel-perfect, responsive React interfaces with strong attention to usability, accessibility, and visual consistency
- Owned the frontend vertical slice of an internal tool using React and C# (.NET), including UI implementation, API integration, and feature delivery
- Transitioned React state management from Redux to Context API + Hooks
- Integrated modern React frontends with .NET backend systems and REST APIs
- Introduced Cypress end-to-end testing to improve application reliability and reduce regression issues

Software Engineer | **Multnomah Education Service District** | Portland, OR
October 2009 – June 2017

- Modernized legacy PHP applications into REST-based systems in Symfony
- Transitioned frontend architecture from jQuery to Ember, React, and AngularJS
- Championed using Redux for state management in React.
- Established coding standards to improve team collaboration

Web Developer Intern | **Miles Consulting, Inc** | Gresham, OR
March 2007 – December 2012

- Built full-stack web applications using C#, JavaScript, and SQL Server

EDUCATION

Bachelor of Science – Computer Science | Minor in Business Administration
Oregon State University – Corvallis, OR | Graduated June 2009