

Oliver Forral

503.750.4562 • Oliver.Forral@gmail.com • linkedin.com/in/oliverforral • oliverforral.com

Summary

Highly motivated and detail-oriented professional with 16 years of experience in computer science, specializing in .NET and SQL. Proven ability to analyze business requirements, develop robust solutions, and continuously deploy to the cloud. Seeking to leverage my expertise to contribute to the success of an enterprise-level organization in a .NET and SQL role.

Experience

Senior Software Engineer • Freelance Senior Software Engineer • Portland, OR • Nov '24 - Present

- Architected and implemented cloud-native applications on Azure which led to scalable and cost-effective solutions for clients.
- Provided expert consultation and development services to clients, translating complex business needs into technical specifications and deliverable solutions.
- Managed independent project timelines and deliverables, ensuring high-quality results and client satisfaction.

Senior Software Engineer • Office of the State Controller of Idaho • Boise, ID • July '24 - Nov '24

- Led the development and implementation of an organization-wide security access request tool resulting in increased efficiency, cost savings, and improved accuracy.
- Improved code deployment processes by implementing Agile, AWS Code Pipelines, and Azure DevOps which reduced deployment time by 50% within 3 months.
- Mentored junior developers on C#, Blazor, and Entity Framework to foster their professional growth and contribute to team knowledge sharing.
- Collaborated with cross-functional teams to analyze complex business requirements and design solutions for reporting, data management, and security compliance.

Software Engineer • Freelance Software Engineer • Meridian, ID • Mar '24 - July '24

- Developed and deployed web applications using Next.js.
- Collaborated directly with clients to define project scope and deliver custom software solutions.
- Implemented efficient and maintainable codebases for various web-based projects.

Software Engineer • ICF • Reston, VA • Feb '23 - Mar '24

- Enhanced accessibility compliance and ensured wider user inclusivity by meeting WCAG 2.1 Level AA standards.
- Contributed to the migration effort of projects which improved AWS EC2 expenses by achieving a 50% cost reduction.
- Migrated projects to Linux virtual machines to achieve cost reduction.
- Analyzed system requirements and designed software modifications to meet project goals.

Software Developer • Freelance Software Developer • Nampa, ID • Aug '22 - Feb '23

- Collaborated directly with clients to translate business needs into technical specifications.
- Designed and implemented custom software features based on client feedback and requirements.
- Conducted thorough testing and debugging to ensure application stability and performance.

Software Developer • Enerflo • Huntington Beach, CA • May '22 - Aug '22

- Utilized a wide range of full-stack capabilities and worked on a variety of projects.
- Worked on projects which included a Laravel SaaS and a NodeJS API.
- Contributed to feature development and bug fixes which improved application stability.
- Participated in code reviews to maintain code quality and team standards.

Web Developer • Freelance Web App Developer • Portland, OR • Sept '21 - May '22

- Built interactive user interfaces using Django and Angular.
- Developed and optimized front-end and back-end components for various web applications.
- Successfully delivered projects on time and within budget, meeting client specifications.

Web Developer • InComm InCentives • Portland, OR • June '17 - Sept '21

- Developed and implemented 50% of changes for a recent acquisition and effectively met client requests within 6 months.
- Refactored legacy code which improved application performance and maintainability.
- Designed a component library using TypeScript and React.
- Collaborated with UX Engineer to achieve consistent WCAG and ADA compliant user interfaces company-wide.

Education

Bachelors of Science - Computer Science - Oregon State University - Corvallis, OR

6/13/2009

Skills

- **Languages:** Bash, C#, CSS, HTML5, JavaScript, PHP, PowerShell, Python, Rust, SQL, TypeScript
- **Frameworks/Libraries:** Angular, Blazor, Django, Laravel, .NET, Next.js, Node.js, React, Symfony
- **Testing:** Behat, bUnit, Cucumber, Cypress, Jest, NUnit, PHPUnit, Playwright, Vitest, XUnit
- **Database:** MongoDB, MySQL, Oracle, PostgreSQL, RavenDB, Redis, SQLite, SQL Server
- **Cloud/DevOps:** AWS, Azure, CI/CD, Digital Ocean, Docker, GCP, GitHub Actions, Terraform
- **Practices/Patterns:** Agile, Design Patterns, GraphQL, JSON-RPC, OOP, RESTful API, SDLC
- **Skills/Attributes:** Adaptability, Analytical Skills, Collaboration, Communication, Cross-Functional Teamwork, Customer Focus, Initiative, Innovation, Leadership, Mentorship, Performance Analysis, Problem Solving, Requirements Analysis, System Design, Troubleshooting, Workflow Optimization