

Dylan Lynn

Software Engineer

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Resume site: <https://resumesite.azurewebsites.net>

SUMMARY

Experienced Software Engineer with over 6 years of technical expertise, blending modern application development with robust systems operations in highly regulated environments. Possesses hands-on skills in database management, troubleshooting, CI/CD, and operational support in healthcare settings. Adept at managing both cloud infrastructures and legacy systems, with a commitment to excellence in process adherence, documentation, and night-shift support.

SKILLS

Category	Skills
Programming Paradigms	Imperative, OOP, Databases
Frontend Development	React, Angular, TypeScript, JavaScript
Backend Development	C#, ASP.NET Core, Entity Framework, Java, Express, Python
Cloud Platforms	AWS, Azure, DigitalOcean
Database Management	MySQL, SQL Server, PostgreSQL, CosmosDB, MongoDB, ElasticSearch
Cybersecurity	SSL/TLS Implementation, Firewall Configuration, Secure Access
DevOps & CI/CD	GitHub Actions, CI/CD Pipelines, Docker
Third-Party Integration	RESTful APIs, OAuth, GraphQL
Web Application Dev	Scalable architecture, performance optimization
Agile & Scrum Methodology	Sprint planning, cross-functional team leadership
Software Testing & Deployment	Automated testing, load testing, monitoring
Leadership & Strategy	Senior developer mentoring, project roadmaps, multi-team collaboration
Healthcare & Insurance Tech	Compliance, patient data security

EXPERIENCE

Contractor - *Senior Development Engineer* October 2022 - Present

- **Web Application Development:** Designed and developed scalable web applications using modern frameworks, ensuring seamless user experience and functionality.
- **Code Optimization:** Refactored legacy code and implemented performance-enhancing strategies to improve efficiency, scalability, and maintainability.
- **Senior Developer Leadership:** Mentored junior developers, led cross-functional teams, and drove the adoption of innovative technologies to enhance development workflows.
- **Third party integration:** Implemented RESTful APIs and integrated third-party services to enhance functionality

Consumer Direct Care Network - *Software Development Team Lead* June 2020 - October 2022

- **Cybersecurity Integration:** Incorporated cybersecurity priorities into development projects to reduce potential liability and enhance customer security.
- **Strategic Planning:** Created long-term development plans to optimize performance within multi-project and multi-team environments.
- **Healthcare & Insurance Technology:** Developed and optimized software solutions for healthcare providers and insurance companies, ensuring compliance with industry regulations and improving patient data security.
- **Scrum Methodology:** Estimated work hours and tracked progress using Scrum methodology, ensuring timely project delivery.
- **Database Management:** Designed and maintained databases, optimized table structures, and developed efficient stored procedures to enhance data retrieval and application performance.
- **Software Testing and Deployment:** Tested and deployed scalable and highly available software products.
- **DevOps Practices:** Implemented CI/CD pipelines using DevOps practices to streamline code deployment and improve software quality.

EDUCATION

- ★ Bachelor's Degree in Computer Science, Montana State University

CERTIFICATIONS

- ★ CompTIA - Security+

PROJECTS

ChilcoteFamily.com - [Chilcote Family](#)

- **Hosting and Deployment:** Utilized Digital Ocean for hosting the site and implemented CI/CD pipelines with GitHub Actions for seamless code deployment.
- **Database Management:** Set up and maintain a MySQL database on an Ubuntu server, employing Entity Framework for efficient database management.
- **Security:** Configured and managed firewall settings on the Ubuntu server to ensure secure access.
- **SSL/TLS Implementation:** Enabled HTTPS using Certbot to secure the website with SSL/TLS certificates.
- **Frontend Development:** Developed the front end using Angular, ensuring a responsive and user-friendly interface.

- **Backend Development:** Created a robust C# API to interact with the MySQL database, facilitating smooth and efficient data operations.
- **Cloud Storage:** Integrated AWS S3 buckets to store and serve photos, optimizing performance and scalability.
- **Secure Access:** Implemented security best practices to protect user data and ensure secure access.

Resume Site *Hosted on Azure, Built with .NET and React* - <https://resumesite.azurewebsites.net>

- **Full-Stack Development:** Developed a personal resume site using .NET for the backend and React for the frontend.
- **CI/CD Pipeline:** Utilized GitHub Actions for continuous integration and continuous deployment (CI/CD) to automate the deployment process.

VOLUNTEERING

GapFillers - Non profit work

- **Donation Platform Setup:** Created an online platform for donations, enabling seamless contributions to support the initiative.