

Erica Thompson
SOFTWARE ENGINEER



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ABOUT ME

Seasoned Full Stack Engineer with 11+ years of experience delivering scalable applications across diverse industries. Proven track record of contributing to technical transformations and implementing complex systems. Demonstrated history of evolving with technology and collaborating effectively with teams. Currently serving as both a hands-on engineer and technical instructor, bringing practical industry experience to the next generation of developers.

TECHNICAL EXPERTISE

Frontend Development

- **Core:** React, Next.js, TypeScript, JavaScript, Flutter
- **State Management:** Redux, Context API, MobX
- **Styling:** TailwindCSS, Styled Components, CSS/SASS
- **Build Tools:** Webpack, Vite
- **Mobile:** Progressive Web Apps, Responsive Design

Backend & Infrastructure

- **Languages:** Python, Django, Node.js, Go
- **Databases:** SQL, AWS RDS, DynamoDB
- **Cloud Services:** AWS (EC2, S3, AppSync)
- **Architecture:** Microservices, API Design
- **Infrastructure:** Kubernetes, Docker, Terraform

Development & Testing

- **Testing:** Jest, Cypress, React Testing Library
- **Version Control:** Git, GitHub
- **CI/CD:** GitHub Actions, Jenkins
- **Monitoring:** Sentry, New Relic, ELK, DataDog
- **CMS:** Builder.io, FlutterFlow, WordPress, Drupal

PROFESSIONAL EXPERIENCE

Software Engineer

2022 - Present

Wagmo

- Built scalable web/mobile applications using **React, Node.js, Next.js, Flutter**
- Led web accessibility implementation (WCAG) across mobile app and all web domains
- Contributed to legacy system rebuild for company transition from B2C to B2B
- Developed backend services using **Python/Django** and frontend with **TailwindCSS**
- Implemented comprehensive testing using **Jest**, and **Cypress** for TDD/BDD frameworks
- Built custom CMS using **Builder.io** and **FlutterFlow**
- Configured monitoring tools: **Sentry, Google Cloud Logging, Rancher**

Senior Software School Instructor

2023 - Present

Nashville Software School

- Senior instructor for Web Developer program
- Contribute to and deliver a comprehensive full-stack curriculum
- Frontend: **HTML, CSS, JavaScript, React**
- Backend: **Python, Django**
- DevOps: **Git, CI/CD**, cloud platforms
- Guide students through real-world projects and industry practices
- Provide technical mentorship and career development support

Salesforce Developer

2021 - 2022

Gov

- Implemented solutions using **Sales Cloud, Service Cloud, Flow Builder**
- Developed custom applications using **Apex, Visualforce, LWC**
- Managed data using **SOQL** queries and **Pardot**
- Performed unit testing and deployment activities

Cloud Infrastructure Engineer

2021

Skillz – Las Vegas, NV

- Designed microservices infrastructure using **Kubernetes**
- Managed cloud infrastructure with **Terraform**
- Implemented monitoring using **New Relic, ELK, DataDog, PagerDuty**
- Developed CI/CD processes using **Github Actions**

DevOps Engineer

2019 - 2020

Online Learning Consortium – Boston, MA

- Maintained enterprise infrastructure including **AWS** (EC2, S3, AppSync), VOIP, VDI
- Collaborated on **Salesforce** integration within team of engineers
- Built and deployed iOS Conference App using **Test Flight**
- Implemented **VDI** capacity planning and **SLA** performance monitoring

Web Developer

2013 - 2019

Hype Media – Brentwood, TN

- Developed websites using **JavaScript, Drupal, WordPress, PHP & CSS**
- Managed network architecture, databases, email and file servers
- Implemented security measures, analytics tracking, and social media integration
- Increased upsell by 35% (\$24,000/year) through technical solutions
- Led marketing projects using data-driven dashboards
- Supported branding and communication initiatives
- Developed custom websites and applications for diverse clients

CERTIFICATIONS

- Fonteva Platform Power User Certificate
- Fonteva Database Specialist Certification
- Fonteva Events Power User Certification
- CompTIA Project+
- Salesforce Certified Platform Developer
- Salesforce Certified Admin

EDUCATION

Bachelor of Science in Computer Science

2022 - 2025

Western Governors University, Salt Lake City, UT

- Courses included IT Project Management, Data Management, IT applications, Cloud Foundations, and Emerging Technologies
- Studies focused on IT Foundations, logic, architecture and systems, data structures, AI, and Computer Theory

Associates of Science

2018 - 2020 Hopkinsville Community College, Hopkinsville KY

- Introduction to information systems, computer applications, program development, system maintenance, networking, security, Internet technologies, database design, and collaborative system development
- Programming- Software Development track to prepare students to design, develop, and maintain computer programs written in current and emerging programming language