Kayla Cromer

Software Engineer

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Professional Summary

Dedicated Software Engineer pursuing a **Bachelor of Science in Computer Science** (Expected March 2025), specializing in **full-stack development, cloud computing, and AI-driven solutions**. Proficient in **Java, Python, and JavaScript**, with expertise in **data structures (BST, Graphs), machine learning algorithms, and secure database operations**. Passionate about designing scalable, high-quality software and leveraging **CI/CD best practices** to optimize performance.

Technical Skills

- **Languages**: Java, Python, JavaScript, C#

- **Frameworks & Libraries:** Spring Boot, Node.js, Vue 3, Tailwind CSS, Maven

- **Databases & Tools:** MongoDB, Room (Android), Git, Docker, REST APIs, Linux

- **AI/ML:** TensorFlow, scikit-learn, Neural Network Architectures

- **Software Architecture:** MVVM (Android), Repository Pattern, CI/CD Pipelines

Education

Southern New Hampshire University – Manchester, NH

Bachelor of Science in Computer Science

Relevant Coursework: Data Structures & Algorithms, Machine Learning, Cloud Computing, Software Security

Work Experience

Outrider Consulting – Remote

Technology Solutions Architect | February 2025 – Present

- Designed and implemented **scalable, cloud-native** technical solutions for diverse client needs.

- Led **cross-functional teams** to develop and deploy secure applications, ensuring performance optimization.

- Advised on **DevSecOps strategies, best practices, and security** considerations for enterprise clients.
- Spearheaded end-to-end **technical architecture planning** while ensuring seamless client collaboration.

Artemis Digital Solutions – Remote

Full Stack Software Engineer | September 2022 – May 2024

- Developed and maintained **full-stack applications** using Node.js, Vue 3, and Spring Boot.
- Designed and implemented an **automated donation page** that increased client revenue by 30%.
- Created and maintained **API documentation** to streamline integration for customers.
- Managed **recurring event scheduling features** for customer site calendars, improving user engagement.

Projects

- **Capstone ePortfolio:** Implemented **data structures, UI frameworks, and secure backend integrations** showcasing full-stack development expertise.
- **Comics Website:** Developed an interactive comics platform using **HTML, CSS, and JavaScript**, improving user engagement.
- **Weather App:** Designed a Python-based weather application using **WTTR API**, providing real-time updates via a terminal-based UI.

Leadership & Volunteer Experience

Rome Area Writers (501(c)(3) Nonprofit) – Rome, GA
Treasurer & Technology Coordinator | January 2025 – May 2025

- Led the **501(c)(3) incorporation process**, collaborating with legal advisors to finalize bylaws and maintain nonprofit compliance.
- Managed financial **budgeting, expense tracking, and fundraising allocations** to support growth initiatives.
- Built and maintained the organization's **website and online store** using HTML, CSS, and JavaScript.
- Organized **community outreach, membership drives, and digital marketing campaigns** to enhance engagement.

Certifications

- **Introduction to Front-End Development**

  Coursera – Meta, 2024

  Verify Credential
- AWS Cloud Practitioner Essentials

  Coursera – Amazon Web Services, 2022

  Verify Credential

- **Operating Systems: Linux (Arch, Garuda), Windows, macOS**
- **Development Tools: VS Code, IntelliJ, Android Studio, GitHub, Docker**