

# Konrad Wright

Senior Full-Stack Developer & Lead AWS DevOps Engineer | 14 Years of Proven Leadership in Software Development

## SUMMARY

Highly experienced and versatile Software Engineer with 14 years of hands-on expertise in full-stack, mobile app, game, and cloud development. Skilled in leading cross-functional teams to deliver scalable, secure, and efficient solutions for clients in diverse industries including government, entertainment, and health wellness. With a robust background in technologies such as Python, Java, AWS, and Kubernetes, I excel in optimizing project workflows, solving complex technical challenges, and driving innovation. Passionate about staying on the cutting edge of technology while maintaining the ability to modernize legacy systems, I bring a proactive, solutions-oriented approach to all projects. Looking to leverage my broad skillset and leadership experience to contribute to impactful projects in a dynamic, forward-thinking environment.

## EXPERIENCE

### Lead Devops Engineer

Jan 2020 - Jan 2025

#### UNCOMN LLC

- Led the design and implementation of innovative software solutions, catering to diverse client needs across various industries.
- Collaborated effectively with cross-functional teams to develop scalable applications, enhancing overall user experience and optimizing performance.
- Performed several managerial functions for the team including code reviews, security reviews and leading agile meetings to communicate with leadership/clients
- Bridged the gap between technical requirements and end-user needs, ensuring the successful delivery of high-quality software products.
- Scripted, optimized, and deployed AWS Lambda functions, enabling seamless integration of Java and JavaScript projects within Docker and Kubernetes environments.
- Designed and maintained RESTful APIs for microservices architecture, facilitating secure data exchange between internal systems and third-party integrations.
- Resolved over 1,000 security vulnerabilities in key projects, enhancing security protocols and reinforcing application integrity.
- Outperformed expectations as a Software Engineer by addressing and fixing numerous issues, thereby contributing significantly to project success.

#### AWS & DevSecOps Specific Technologies

- EC2: Deployed and managed EC2 instances for application hosting and development environments.
- S3: Configured S3 buckets for secured data storage, backup solutions, and static content hosting.
- Lambda: Scripted, optimized, and deployed AWS Lambda functions and API Gateway endpoints, enabling seamless API integration of Java and JavaScript projects within Docker and Kubernetes environments.
- RDS: Managed RDS databases, set them up, monitored with auto-logging, used metric monitoring to optimize applications.
- Redshift: Designed/Optimized data warehouse clusters for analytics and reporting.
- API Gateway: Configured and managed API endpoints for serverless applications, implementing authentication, rate limiting, and request/response transformations.
- GitLab: Set up entire CI/CD pipelines to work alongside our AWS hosted applications, as well as code version control.
- Fortify: Found and fixed all manners of critical security vulnerabilities with static code analysis to harden all software vectors.
- Jenkins: An additional CI/CD pipeline technology that I've utilized and stripped to more modern technologies like GitLab.
- ArgoCD: Used for GitOps Kubernetes deployments and configurations to build our applications.
- Artifactory: Set up a whole repository manager for keeping all of our application dependencies consistent and available.

### Software Engineer

Mar 2018 - Sept 2019

#### Draftboard

- Worked remotely as a full-stack developer while contributing to the development of an iOS app that was later acquired by DraftKings.
- Transformed a half-finished product into a fully functional application, driving it to completion and facilitating a successful sale.
- Engaged in agile development practices, collaborating closely with stakeholders to align product features with market needs.
- Implemented user feedback into the development process, enhancing app usability and customer satisfaction.
- Fostered strong working relationships within the team, promoting a culture of collaboration and innovation.
- Mentored junior developers, sharing knowledge and fostering skill growth within the team.

### Software Engineer

Nov 2015 - Jan 2018

#### Cumulus Data Storage Solutions

- Transitioned focus to database management, primarily serving high-profile clients such as BevMo and enhancing their point-of-sale systems.
- Analyzed and visualized complex data, creating user-friendly charts for the BevMo team to facilitate decision-making.
- Developed an internal application that automated data charting processes, streamlining operations and increasing efficiency.
- Provided consultancy services towards the end of the contract, ensuring client satisfaction and long-term relationship building.
- Collaborated with stakeholders to identify needs and deliver tailored solutions, consistently exceeding client expectations.
- Contributed to team efforts by sharing insights on data management practices and improving overall project workflows.

### Software Engineer

Jun 2010 - Nov 2015

#### Neurotopia DBA SenseLabs LLC

- Initiated professional career at a startup, effectively managing multiple roles and proving value through hands-on problem-solving.
- Developed a Ruby backend system for EEG Neuro Headgear, significantly improving product functionality and user experience.
- Created interactive games using Unity and Swift for iPad integration, enhancing user engagement through innovative design.
- Established and managed the front-end and back-end structure for the company's website, ensuring a smooth user interface and functionality.
- Delivered impactful public speeches at San Francisco conferences, showcasing leadership and expertise at a young age.
- Mentored interns, fostering skill development and guiding them to overcome technical challenges in their role

## EDUCATION

General College Coursework  
Cuesta College

San Luis Obispo CA

## CERTIFICATION

### CompTIA Security+

Active July 2026 | License #COMP001022308155

## MY TIME

- (1) Lead Cross-Functional Teams
- (2) Resolve Security Issues
- (3) Develop Scalable Applications
- (4) Script AWS Lambda Functions
- (5) Oversee Docker/Kubernetes Deployments
- (6) Fix Java/JavaScript Codebase
- (7) Mentor Junior Developers
- (8) Optimize User Experience

## KEY ACHIEVEMENTS

### Innovative Software Solutions

Successfully led the development of innovative software solutions for diverse clients at UNCOMN, enhancing user experience and optimizing application performance across multiple industries.

### Lambda Function Scripting

Streamlined application deployment by scripting all AWS Lambda functions for the Global Freight Management project, ensuring efficient operations on Docker and Kubernetes platforms.

### Community Engagement

Contributed to the local gaming community by volunteering as a Dungeon Master for the Food Bank, organizing games and teaching newcomers, thus fostering a welcoming environment for hundreds of participants.

### Security Issue Resolution

Played a crucial role in resolving over 1,000 security vulnerabilities in the CPA project, significantly improving the project's compliance and reliability while working closely with cross-functional teams.

### Public Speaking & Leadership

Delivered public speeches at San Francisco conferences as a young leader, effectively presenting technical information and mentoring interns to elevate their skills in software development.

## SKILLS

Python, Java, Rust, Swift, Ruby, SQL, Pandas, NumPy, HTML, CSS, JavaScript, React, AWS, Agile Methodology, Jira, Scrum Methodology, Task Prioritization, Client Engagement, Customer Support, Public Relations, Public Speaking, Docker, Kubernetes, Security, Full-Stack Development

## PROJECTS

### Global Freight Management

Software Engineer | UNCOMN LLC

2023 - Present

- **Technologies:** Python, AWS, Fortify, JavaScript, Java, Docker, Kubernetes, GitLab, Jenkins
- Spearheaded the development of scalable solutions by scripting Lambda functions and integrating Java/JavaScript projects with Docker and Kubernetes, enhancing deployment efficiency and reliability.

### CPA Project

Software Engineer | UNCOMN LLC

2021 - 2023

- **Technologies:** Java, JavaScript, AWS, Fortify, Spring Boot, GitLab, Jenkins, Apache, Tomcat
- Acted as a critical problem-solver, resolving over 1,000 security vulnerabilities identified by Fortify, while providing technical support and guidance to team members on diverse technologies, ensuring project adherence to security standards.

### ICODES

Junior Software Developer | UNCOMN LLC

2020 - 2021

- **Technologies:** Java, JavaScript, AWS, React, Redux
- Joined the team as a junior developer and quickly advanced by identifying and rectifying critical issues, demonstrating exceptional performance and contributing significantly to project milestones.

### Java Tutoring for AP Computer Science

Private Tutor

- Provided one-on-one tutoring for high school students in Java programming concepts, assisting them in mastering key topics and preparing for exams.
- Developed personalized lesson plans and hands-on coding exercises to enhance student understanding and engagement.

### Dungeon Master

MimicCon 2023 & Local Game Store Adventure League

Oct 2017 - Present

- Organized and facilitated Dungeons and Dragons games in private settings, as well as MimicCon 2023 for the San Luis Obispo County gaming community and at the Adventure League at the local game store.
- Donated time to local gaming groups, teaching newcomers the game and making complex rules easily digestible.
- Led a two-year-long campaign, fostering community engagement through bi-weekly gaming sessions.
- Hosted six introductory games for new players, effectively managing logistics and ensuring an enjoyable experience for all participants.
- Developed a welcoming environment that encourages participation and camaraderie among community members.
- Contributed to the local gaming community by sharing knowledge and creating opportunities for players to connect and enjoy the game.