

Chris Lansing

Software Engineer · Engineering Leader · Security Expert

Atlanta, GA, USA

✉ cslansin@gmail.com | 🏠 clansy.net | 📱 cl-ansy | 📺 cslansing

Summary

I'm an accomplished Software Engineer and Engineering Leader with **over 10 years** of experience in building effective, secure, and highly performant user-facing web applications. My passion lies in crafting technical strategies, fostering collaboration across teams, and innovating in software architectures using an expertise of **JavaScript, Python, and Cloud technologies**.

Skills

Languages & Libraries	JavaScript, TypeScript, Python, React, Vue, PostgreSQL, NoSQL
Frameworks	Next.js, Astro, Vite, Flask, FastAPI, Node, Jest, Electron, OWASP
Tools & Software	AWS, Git, Datadog, Jira, Webpack, Terraform, Docker, Kubernetes, Linux
Specializations	Web Security, App Performance, Data Visualization, Technical Mentoring

Education

Georgia Southern University

Bachelor of Science in Computer Science

2013

Experience

Cisco Secure Email Threat Defense

Atlanta, GA

Software Engineering Leader

Jul 2021 - Present

- Managed a team of software engineers, conducted performance and compensation reviews, and standardized best practices.
- Served as technical lead responsible for architecture and development of user application focusing on data visualization, email threat analysis, and service configuration.
- Fortified application security by overseeing penetration tests, coordinating incident response, and propelling the product to meet compliance with SOC2 and ISO27001 standards.
- Coordinated AWS cloud migration initiative resulting in enhanced performance, security, and cost savings.
- Organized team meetups, facilitated technical trainings, and hosted hackathons and CTFs to enhance team skills.
- Engineered Next.js servers deployed on AWS Fargate, built REST APIs on AWS Lambda in Node and Python runtimes, and utilized both SQL and NoSQL databases.
- Implemented error logging, performance monitoring, and monthly reports using DataDog.
- Measured user satisfaction and engagement using NPS reports and Google Analytics.

Cisco Secure Network Analytics

Atlanta, GA

Senior Software Engineer

Apr 2019 - Jul 2021

- Led API and Frontend teams specializing in React-based data visualizations and state management with Redux.
- Created a custom React component library to enhance organizational efficiency and design consistency.
- Designed detailed architectural diagrams to improve system transparency and efficiency.
- Constructed self-hosted Node servers for content delivery and deployed Rest APIs on on-premise servers.
- Developed interactive charts and data visualizations using React and d3.

onQ

Alpharetta, GA

Senior Software Engineer

Sep 2017 - Apr 2019

- Led the development of onQ's core video engagement product, prioritizing high-performance web delivery for sophisticated video, audio, and chat streaming solutions.
- Contributed directly to open source to advance HLS and Dash video streaming technologies.
- Used server-side rendering with NextJS and customized Webpack configuration to prioritize performance suitable for embedding the application in customers' websites.

Promethean

Alpharetta, GA

Software Engineer

Jan 2014 - Aug 2017

- Conducted a full migration of a Kendo UI application to React, significantly improving system performance and user experience.
- Engineered interactive frontend features for educational technology by leveraging HTML5 Canvas and advanced JavaScript.
- Implemented complex geometric algorithms that enabled users to draw and manipulate graphics on a collaborative whiteboard.
- In-depth Javascript unit testing using Karma, Mocha, Sinon, and Phantom libraries.
- Architected complex build systems for several different projects using technologies such as Webpack, Bower, Gulp, and NPM.
- Used Electron to add native functionality to the ClassFlow web app such as screen capture, usage analytics, crash reporting, auto updating, offline saving, text recognition, and more.
- Connected all types of user devices in a conference room to a local ActivConnect hub using Node JS, Express, and websockets.

Morris Technology

Statesboro, GA

Solutions Developer

Aug 2012 - Dec 2013

- Created dynamic app widgets and server-side scripts, enhancing user interface and productivity functionalities using a blend of Python, Django, HTML/CSS, and JavaScript.

Certificates

2019 **GIAC Certified Incident Handlers (GCIH)**, Completed

2022 **AWS Certified Cloud Practitioner**, Completed

Professional Development

Homelab

Atlanta, GA

Owner

- Designed and managed a personal network infrastructure for secure and efficient application hosting, employing technologies such as OPNsense, Proxmox, Docker, Traefik, and more.

RedScry LLC

Atlanta, GA

Founder

- Provided expert web application development and security consulting services, executing penetration tests and delivering comprehensive security solutions to clients.