

# CODY GOSS

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## Senior Software Engineer / Technical Lead

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Senior software engineer and technical lead with 6+ years building React front-ends, full-stack applications, APIs, and high-density operational tooling for large-scale enterprise environments. Leads React platform migrations, builds internal dashboards used daily by network engineering and operations teams, and integrates AI-assisted development tools (Claude Code, Cursor, GitHub Copilot) into a daily delivery workflow. Currently completing an M.S. in Computer Science with an Artificial Intelligence focus at Georgia Tech. Core strengths in React, TypeScript, JavaScript, and Python, with experience in real-time UI, Tailwind CSS styling, and translating complex operational requirements into reliable, user-friendly software.

## Professional Experience

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### The Home Depot

Atlanta, GA

*Senior Systems Engineer*

*March 2020 – Present*

- Serve as technical lead for migrating an in-house load balancer portal from a legacy Flask web server to The Home Depot's proprietary React framework, Flask middleware layer, and shared Ansible automation platform.
- Lead a team of 3 engineers through architecture planning, development coordination, technical decision-making, migration strategy, and implementation of enterprise automation tooling.
- Develop and maintain full-stack internal applications, backend APIs, and automation services used by network engineering and operations teams to streamline request fulfillment and reduce manual workflows.
- Design integrations across enterprise systems including Jira, ServiceNow, NetBox, BlueCat, Akamai, internal deployment platforms, and shared automation services.
- Partner with engineers, product owners, and operational stakeholders to translate complex infrastructure and business requirements into scalable, user-friendly software solutions.
- Refactor legacy automations to improve maintainability, auditability, operational visibility, and long-term supportability.
- Support application migrations from legacy hosting environments to modern internal platforms including PCF and TinyHomes, improving release consistency and platform alignment.
- Mentor engineers and contribute to shared technical leadership across multiple internal products, balancing hands-on development with architecture, delivery, and support responsibilities.

### Georgia Tech Professional Education

Atlanta, GA

*Teaching Assistant*

*September 2018 – 2023*

- Teach and support students across full-stack development topics including JavaScript, React, Node.js, Python, databases, C#, and software engineering fundamentals.

### Thrust Interactive

Atlanta, GA

*Mobile Application Developer*

*May 2019 – March 2020*

- Developed React Native and JavaScript application features while contributing to front-end architecture, stakeholder coordination, and project delivery across client-facing products.

## Education

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### Georgia Institute of Technology – Atlanta, GA

*Expected December 2026*

Master of Science in Computer Science, Focus in Artificial Intelligence

### Kennesaw State University – Kennesaw, GA

*May 2021*

Graduate Certificate, Foundations of Software Engineering

### Georgia Institute of Technology – Atlanta, GA

*May 2018*

Certificate, Full Stack Web Development

### Kennesaw State University – Kennesaw, GA

*May 2017*

Bachelor of Science in Biochemistry

## Technical Skills

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**Languages:** Python, JavaScript, TypeScript, Java, SQL, HTML, CSS

**Frontend:** React, React Native, responsive UI development, UX prototyping

**Backend & APIs:** Flask, Node.js, REST APIs, middleware services, enterprise integrations

**Cloud & Platforms:** AWS, GCP, PCF, TinyHomes, Docker, Kubernetes fundamentals

**DevOps & Automation:** GitHub Actions, CI/CD concepts, Ansible, Linux, Git, production support

**Enterprise Systems:** Jira, ServiceNow, NetBox, BlueCat, Akamai, internal automation platforms

**Data & AI:** Pandas, Jupyter Notebook, Excel, data visualization, AI principles, machine learning foundations

**Leadership:** Technical leadership, mentoring, architecture planning, Agile delivery, stakeholder communication