

Anthony Phan

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SUMMARY

Software Engineering student with hands-on experience in technical and management roles. Proficient in Java and various frameworks and languages, with a strong understanding of software development and teamwork.. Demonstrated ability to enhance sales and operational efficiency through strategic planning and technical training. Focused on applying coding and leadership skills to real-world projects.

SKILLS AND CERTIFICATIONS

Programming Languages: Java, JavaScript, C, HTML, CSS, Python, Kotlin, TypeScript, Terraform

Frameworks/ Automation Tools: React, Node.js, Next.js, Springboot, Gradle, Android Studio, Microsoft Office

Certifications: AWS Cloud Practitioner

PROJECTS

Zentry

May 2025 - Present

- Developing a full-stack productivity web application with dual login options, via OAuth, Github and Spotify.
- Built the frontend using Vite, React, and Three.js to deliver a responsive and interactive UI.
- Implemented a Flash backend APU to manage authentication, sessions, and business logic.
- Integrated external APIs to fetch real-time user data and enhance app functionality.
- Deployed using Docker containers and integrated cloud services using Amazon RDS.

Personal Portfolio

Dec 2024 - Jan 2025

- Personal creation of my portfolio created from scratch, to display my projects and experiences.
- Uses HTML, CSS, JavaScript to build the functions of the website all while keeping the website organized and looking pristine with HTML and CSS.
- Website is deployed through AWS Amplify using a custom domain created through AWS Route 53.

Blue Sky Bank

Dec 2024 - Jan 2025

- Built with Next.js as a SaaS platform for users looking to manage their finances.
- Easy administrative management with Appwrite.
- Integrated Plaid, allowing users to connect real bank companies securely with Dwolla

EDUCATION

Iowa State University

Ames, IA

Bachelor of Science, Software Engineering

Aug 2021 - May 2026

- Courses: Object-Oriented Programming, Data Structures and Algorithms, Software Development, Advanced Programming

EXPERIENCE

BHE MidAmerican Energy Company

Urbandale, IA

Telecommunications Engineering Intern

May 2025 - Present

- Mapped and planned fiber optic routes to connect substations and remote sites across the state of Iowa.
- Upgraded and modernized networking equipment to align with modern cybersecurity standards and compliance protocols.
- Prepared detailed technical documentations for telecom inspections, site installations, and upgrade planning.
- Supported and managed an inventory system for telecom and IT equipment for field installations.
- Utilized tools and platforms such as Cisco, Nokia, Excel, and Visio to support network planning configuration, and presentations.
- Collaborated on statewide Rural Broadband and Advanced Metering Infrastructure (AMI) project to expand connectivity and support smart grid integration.

Menards

Omaha, NE

Management Intern

May 2024 - Aug 2024

- Reported and supported alongside the General Management Team, Department Managers, and Store Team Members to develop more insight into company operations and strategies.
- Managed and improved department sales with interactions and verbal sales, increasing sales by 8%.
- Collaborated with senior management to develop succession planning strategies, resulting in a pipeline of qualified internal candidates for future leadership roles.