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 frontend development, applying coding and leadership skills to real-world projects.

EXPERIENCE

MidAmerican Energy Company   **Urbandale, IA**
Part-Time Telecommunications Engineer   May 2025 - Present
- Mapped and planned fiber optic routes to connect substations and remote sites across the state of Iowa using Microsoft Visio
- Configured 300+ routers, switches, and firewalls, supporting secure and reliable network infrastructure across regional substations
- Prepared detailed technical documentation for telecom inspections, site installations and upgrade planning
- Managed and reviewed documentation across departments for an inventory system tracking telecom and IT equipment for field installations
- Designed documentation on statewide Rural Broadband and Advanced Metering Infrastructure project to expand connectivity and support smart grid integration

Menards   **Omaha, NE**
Management Intern   May 2024 – August 2024
- Gathered data and reports alongside the general management team, department managers, and store team members to develop more insight into company operations and strategies
- Increased department sales by 8% by identifying needs and providing tailored product recommendations through verbal interactions
- Designed succession planning strategies with senior management by evaluating sales reports, employee interactions, and mentoring new employees

EDUCATION

Iowa State University   **Ames, IA**
Bachelor of Science, Software Engineering   Aug 2021 – May 2026
- Object Oriented Programming, Data Structures and Algorithms, Software Development, Advanced Programming

SKILLS AND CERTIFICATIONS

Programming Languages: Java, JavaScript, C, HTML, CSS, Python, Kotlin, TypeScript, Terraform
Frameworks / Automation Tools: React, NodeJS, NextJS, Springboot, Git, Android Studio, Microsoft Office
Certifications: AWS Cloud Practitioner

PROJECTS

Culinary Command (Service Web Application)
- Full-stack restaurant management web application using ASP.NET Core 9.0, Blazor Server, and MySQL
- Implemented role-based authentication system with user profiles, security settings, and multi-task assignment workflows
- Created dynamic task tracking system with real-time status updates and state management
- Implemented CI/CD pipelines in GitLab for automated testing, building, and deployment of the web application
- Tracked project requirements, user stories, and sprint planning using Jira for agile development methodology

Kora Kora (Productivity Web Application)
- Developing a full-stack productivity web application with dual login options, via Auth0, GitHub, and Spotify
- Built the frontend using Vite, React, and ThreeJS to deliver a responsive and interactive UI
- Implemented a Flask backend API 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
- Personal creation of my portfolio, to display my projects and experiences
- Built with Vite and React, with modern design principles and animations through Framer Motion
- Website is deployed through AWS Amplify using a custom domain created through AWS Route 53