

Beck Anderson

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Experience

EVO SECURITY

Software Engineer I

Associate Software Engineer

REMOTE (DALLAS, TX)

Sept 2025 - Present

July 2024 - Sept 2025

- Redesigned and modernized the company's user portal using Vue/Nuxt, enhancing user experience and interface responsiveness, while incorporating client feedback.
- Created and privately published GitHub packages to handle processing files for metadata and generating AI powered file analysis and virus safety reports
- Collaborated with an international team via daily meetings and using Jira to properly assign and manage project tasks and goals

ECOLAB

DALLAS, TX

Software Engineer Co-op

Jan 2023 – May 2023

- Collaborated with a 25-person international team to enhance functionality and resolve system bugs for the Prep N Print application, improving user satisfaction by 20%
- Demonstrated expertise in UI redesign using C# and Xamarin, ensuring compliance with requirements and elevating the user experience
- Pioneered the design of the user interface for a new company application using Figma, actively engaging stakeholders to gather inputs and incorporate 90% of their feedback through biweekly meetings

ALPINE SOFTWARE

MENDON, NY

Software Developer Co-op

May 2022 – Dec 2022

- Spearheaded the programming, maintenance, and support of existing applications using Delphi and SQL, ensuring seamless operations
- Mentored a team of 4 interns, resulting in a 25% increase in their productivity and the successful completion of 15 additional projects weekly
- Collaborated closely with clients, expertly translating project requirements into comprehensive design specifications that aligned with client expectations, ensuring successful project delivery

Projects

CLEPA - AI HOME CARE ASSISTANT

Aug 2025 – Present

- Built an AI-powered care assistant using FastAPI, Firebase Firestore/Auth, and Google Gemini, translating telehealth visit transcripts into everyday language to help patients and caregivers better understand medical guidance.
- Developed a secure Nuxt (Vue 3) frontend integrated with the backend via REST APIs, implementing bearer-token authentication, user-specific data access, and scalable API patterns.
- Engineered reusable backend utilities for role-based authorization, Firestore document retrieval, and visit data ingestion/storage, maintaining clean architecture for future AI and data pipeline expansion.

SIMULATION OF PROTEIN SYNTHESIS

Sept 2023 – May 2024

- Steered the redesign of a pivotal product used by students to simulate protein structure, emphasizing modernization and enhanced functionality
- Implemented the transformation of back-end software from Java to Python, leveraging Pytest for robust testing and the Biopython library for advanced functionality
- Led the development of the API and backend, ensuring seamless integration with the redesigned system

REDDIT SENTIMENT ANALYSIS

Oct 2023 – Dec 2023

- Innovatively built an application for processing user sentiment on Reddit, employing a collaborative approach within a team of 5 using Git and AWS Technologies
- Utilized AWS technologies, including DynamoDB, AWS Comprehend, API Gateway, and Terraform, to enhance the functionality and efficiency
- Developed a clean and effective web environment for users to access sentiment insights

Education

ROCHESTER INSTITUTE OF TECHNOLOGY

Rochester, NY

B.S Software Engineering, Minor Computer Engineering

Grad Date: May 2024

Skills

Technical: Python, C, C#, Java, JavaScript, SQL, FastAPI, Vue, Nuxt, React, GCP, Prompt Engineering, Windows

Soft Skills: Leadership, Effective Communication, Team Collaboration, Client Relations, Agile Methodologies