Charlie Frey

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Professional Summary

Skilled software developer specializing in front-end applications. Proven track record of leading successful projects, optimizing performance, and continuous learning. Demonstrated success in working with cross-functional teams to produce top-tier software solutions.

Work Experience

Career Gap

Software Engineer

Colorado Springs, CO | 06/2022 - Present

- Focused on personal health and recovery according to practitioner’s directions

- Maintained and improved professional skills through personal projects and online microcredentialing programs; worked part-time in retail industry

GenUI

Software Engineer

Remote | 07/2021 - 06/2022

- Led a team of 3 junior developers in a front-end web development project, enhancing leadership and training skills

- Collaborated with clients on product design, ensuring a direct line between client ideas and development actions

- Improved app reliability by over 50% through significant codebase refactoring

- Developed project specifications for a medical research company using Agile/SCRUM methodologies, TypeScript, NextJS, and SQL

- Screened incoming applicants for technical ability, contributing to a high level of talent at the company

The Perduco Group (LinQuest)

Software Engineer

Dayton, OH | 06/2018 - 06/2021

- Designed and developed a user-friendly UI for the proprietary machine learning harness HAL

- Optimized US Air Force mission planning processes, reducing work time from 80+ man-hours to approximately 10 man-hours

- Secured funding for long-term contracts through rapid prototyping

- Practiced Agile and SCRUM methodologies to coordinate development with a multidisciplinary team

- Managed multiple competing priorities to develop features and ensure the on-time completion of complex projects

LexisNexis Special Services

Software Engineer Intern

Dayton, OH | 08/2015 - 08/2016

- Built skills in web development and big data processing while working on flagship tax auditing software

- Developed strong team skills, technical communication, and AGILE/SCRUM methodologies

Education

University of Dayton

Bachelor’s Degree in Computer Engineering

2013 - 2018

Projects

ReactMobile

GenUI | 2021 - 2022

- Developed a flexible, panic button-based safety suite for hospitality workers using React, TypeScript, and Elixir

HAL

The Perduco Group | 2021

- Developed a user-friendly UI for a machine learning harness for complex high-dimensional data analysis using React, TypeScript, and Golang

AMPED-UP

The Perduco Group | 2019 - 2021

- Developed an advanced mission planning web app for the DoD/Air Force, reducing mission planning time by over 80% using React, JavaScript, and Java

Skills

- Programming languages: JavaScript, Python, Java

- Web Technologies: React, Node.js, HTML, CSS

- Cloud Platforms: AWS, Azure, Render

- DevOps Tools: Docker

- Database Systems: MySQL, PostgreSQL, MongoDB

- Soft Skills: Leadership, Communication, Teamwork, Problem Solving