Rohan Minocha

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SKILLS

Languages Python, Go, JavaScript, C/C++, SQL, HTML/CSS, Swift, Java, Scheme

Frameworks React, Flask, NodeJS, Django, Redux, Express, Pandas, NumPy

Tools PostgreSQL, MongoDB, Git, REST APIs, Docker, Kubernetes, AWS, Redis

EXPERIENCE

Trustwave Jan 2023 – Apr 2023

Incoming Software Developer Intern

Chicago, IL

Electro Source
May 2022 – Aug 2022
Software Developer Intern
Toronto, ON

• Improved iOS mobile app security by addressing over 25 vulnerabilities in React Native by analyzing OWASP Top 10 reports

• Optimized app performance by creating Docker container to deploy Redis in-memory cache instance for real-time analytics

• Implemented REST APIs to fetch user data from MongoDB and reduced API calls by 30% when creating new accounts

• Reduced manual testing load by 10% by creating automated test cases to ensure notifications and error headers validity

• Designed Calendar UI using Figma and developed test plans for UI testing to improve app stability for TestFlight release

Elekta Sep 2021 – Dec 2021

Software Developer Intern Sunnyvale, CA

- Optimized software license build by 20x by creating standardized tool in Java which dropped team costs by 12.5%
- Secured build with CI/CD pipeline to increase accuracy to 99% and setup emulator VMs for automated linear accelerators
- · Automated monitoring system using Azure Budgets API, Postman, & PowerShell for strategic product marketing to demo users

Delhi Public School Sep 2018 – Jun 2019

KW

Software Engineering Intern

• Designed full-stack iOS application for sharing recorded lectures in real-time, with in-app note-taking functionality

- Created mobile app using Swift and SwiftUI and received over 6K downloads on App Store with 3.0 monthly traffic
- Built upon multi-tier architecture, and implemented wireframes and designs for technical feasibility to improve user experience

PROJECTS

Crypto Logix C 2 | React, Redux, ChartJS, REST APIs, Ant Design

- Developed web app to display real-time crypto statistics from multiple sources using Rapid API and Bing Search API
- Engaged over 150 students in UW Blockchain Club to learn cryptocurrency and escalated pageviews by 20% to optimize UX

CrediSafe O | Python, Pandas, NumPy, Matplotlib

- Built data investigation model over 280K transactions in 26 seconds using K-Nearest Neighbors and K-Means Clustering
- Implemented data cleaning, data visualization, and confusion matrix to detect fraudulent transactions with 99% accuracy

Expiry Tracker Application () | JavaScript, React Native, Figma

Designed full-stack application that keeps track of products' expiry and sends reminder notifications week in-advance

COMMUNITY

Software Developer | UWPath Sep 2022 - Present

Hackathon Judge | TOHacks'22 May 2022

Mentor | Hack the North'21, UofT Hacks IX, Hack the Valley'21, UW Computer Science Club Sep 2021 - Feb 2022

EDUCATION

University of Waterloo Sep 2020 – Apr 2025

Candidate for BCS: Bachelor of Computer Science

• Relevant Courses: Object Oriented Programming, Data Structures & Algorithms, Foundations of Sequential Programs