Dan Haggerty

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Experience

Twitter   *Detroit, Michigan*
Senior Software Engineer, Trust and Safety   **April 2018 – January 2023**
- Developed internal tools for improving the safety of Twitter users using React, Typescript, and Scala
- Turned requirements into web applications used by thousands of agents working in areas of abuse, spam, child safety, hate speech, copyright, law enforcement requests, and many more domains
- Designed tool features for improving the mental well-being of agents exposed to harmful content
- Owned a React UI component library used by multiple teams to speed up the development of features

Google (Contract)   *Mountain View, California*
Software Engineer, Pixel   **May 2016 – April 2018**
- Developed code for the Live Case customization platform using Google Cloud Platform and App Engine
- Implemented a new UI using AngularJS and ES6, increasing purchase conversion rate by 30%
- Designed an image moderation service built on computer vision and machine learning APIs
- Added integrations with multiple vendor systems through a RESTful web API

VMware (Contract)   *Palo Alto, California*
Software Engineer   **October 2015 – May 2016**
- Developed new features, worked with stakeholders to improve a new release management web application built in Django and AngularJs
- Refactored the web app's frontend and implemented a Javascript framework using AngularJS
- Integrated app with Confluence and other internal web applications through a RESTful API

AltaTec   *Guayaquil, Ecuador*
Lead Software Engineer   **September 2014 – August 2015**
- Developed custom ERP software implementations using Python and the Odoo ERP platform
- Created an automatic backup process of PostgreSQL databases using Python and Amazon S3
- Supervised the deployment and maintenance of 12 cloud systems using Amazon Web Services
- Managed and trained a team of 4 software engineers to deliver fast client solutions

ION Geophysical   *Houston, Texas*
Software Engineer   **September 2012 – August 2014**
- Developed code for a high-performance, parallel seismic data processing system in C++
- Designed and implemented various geophysical data processing modules
- Improved the memory and runtime efficiency of existing seismic processing algorithms

Education

Grand Valley State University   *Grand Rapids, Michigan*
Bachelor of Science in Computer Engineering   **August 2012**

Skills

- Web application development using React, Redux, Typescript (or Javascript), Python, and Scala
- UI component library development and maintenance using React and styled-components