

CHRISTOPHER SANDERS

FULL STACK SOFTWARE DEVELOPER

CONTACT

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EDUCATION

Old Dominion University

MS In Computer Science

2020-Current
GPA: 3.91

Relevant Courses:

- Android App Development (Java)
- Database Concepts
- Cybersecurity Fundamentals

Virginia Tech

BS In Computer Engineering

2016-2020
GPA: 3.5

Relevant Courses:

- iOS App Development (Swift)
- Intro to GUI (React, Javascript)
- Network Application Design

CERTIFICATIONS

- AWS Certified Cloud Practitioner (2021)
- GitLab Certified Associate (2021)

PROGRAMS & SOFTWARE

- Angular (Typescript, HTML, CSS)
- React (Javascript, HTML, CSS)
- Java/Spring Boot
- Python
- Flutter/Dart
- Swift
- SQL
- AWS S3 CLI
- Kubernetes
- Docker

WORK EXPERIENCE

Full Stack Developer

Aveshka, Inc.

October 2021 - Current

The Digital Transformation Contract (DTSS) supports rapid development of new web and mobile applications for the DHS Customs and Border Protection.

Enterprise Chatbot

- Lead Developer
- Tech Stack: Angular, React, Java Spring Boot, Python, PostgreSQL, S3

The Enterprise Chatbot is a multi-service application that enables CBP employees to create and maintain an AMA chatbot in English, French and Spanish. Dashboard users can log on to the application to manage conversation flows and train the bot as well as see chatbot statistics and user input in real time.

The Enterprise Chatbot uses Rasa to train the models for the chatbots. Rasa is an open source conversational AI used to generate models for each chatbot.

One public facing bot is currently running at cbp.gov/trade.

Other Work

- Supported writing workflow end-to-end tests in Dart for Flutter Web Application
- Currently support creating and managing Jenkins pipelines and Kubernetes configurations for DTSS applications
- Support "On Call" team by responding to outages and resolving access issues

Full Stack Developer

Raytheon Technologies

May 2020 - October 2021

Enterprise Data Suite

- Software License Module PoC/Developer
- Tech Stack: Angular, Java Spring Boot, MySQL, Docker Containers
- Testing: Karma, JUnit, Cypress

The Enterprise Data Suite enables users to track various pieces of hardware and software across multiple AOCs globally.

The Software License Module tracks software licenses that are installed on hardware such as computer machines and servers in AOCs. This helps the Air Force manage end of life and renewal processes on these devices.

As the Software License Module PoC, I regularly met with customers, created stories for each sprint based on customer input and delivered updates to the Enterprise Data Suite team and federal leads.

Other Work

- Collected contract team demonstrations and delivered weekly emails highlighting accomplishments, demos and updates for the contract