

SATHVIK KADAVERU

SKILLS

Programming: Javascript, HTML/CSS, Python, Java, SQL
Frameworks: Node.js, React, Angular, Express.js, Scikit-Learn, jQuery
Other: Github, Microsoft Office, Amazon Web Services, Microsoft Azure, Agile

CERTIFICATIONS

AWS Solutions Architect Associate - Amazon Web Services **MAR 2021 - MAR 2024**

WORK EXPERIENCE

Capital One - Software Engineer - McLean, VA **MAY 2022 - present**

- Developed and maintained an internal [AWS Lambda](#) application that automatically provisions new EC2 instances with automatically installed development builds of new endpoint security agents
- Provided support for a macOS Endpoint Security application, written in [Objective C](#), to prevent users from tampering with security software installs on corporate Mac workstations

Booz Allen Hamilton - Staff Engineer - Herndon, VA **AUG 2021 - MAY 2022**

- Added histogram and word cloud generation functionality from uploaded Excel files using [Angular](#) with Amcharts library for a government client, and implemented column data pre-processing for data consistency
- Drafted cloud-agnostic architecture diagrams in preparation for cloud hosting

Exostar - Associate Software Engineer - Herndon, VA **JAN 2019 - AUG 2021**

- Applied [Python](#) machine learning framework [Scikit-Learn](#) to create models to predict the specific subject of a customer support call to better route the call to a specialized agent
- Developed a responsive login portal using [Angular](#) with Typescript and utilized the Jasmine framework to create unit tests for API calls to an authentication server
- Assisted in the integration of Exostar's B2B software with clients' back-end services by configuring client connections and coordinating client integration testing, enabling efficient xCBL communications
- Designed [Microsoft Azure](#)-based architectures for an SFTP server solution and created [Azure Resource Manager](#) (IaC) templates and shell scripts to automatically deploy and configure storage accounts and virtual machines which integrate with on-premises solutions

Exostar - Research and Development Intern - Herndon, VA **MAY - JUL 2018**

- Developed and configured an informational chatbot UI built on Microsoft Webchat using [React](#)
- Developed and hosted an [Express.js](#) server on [Azure](#) and utilized Microsoft's Bot Builder framework to handle queries from the chatbot

TerraGo Technologies - Software Engineer Intern - Sterling, VA **MAY - AUG 2016**

- Ported TerraGo Edge, a GPS surveying web app, from AngularJS to [React](#) with [Redux](#) state management, thereby improving performance
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EDUCATION

Georgia Institute of Technology - B.S. Computer Science - Atlanta, GA **grad. DEC 2018**

Thomas Jefferson High School for Science and Technology - Alexandria, VA **grad. JUN 2015**
