GOUTHAM DEVA

SOFTWARE ENGINEER

Passionate software developer looking to make a difference in customer facing products with three years work experience. Looking to pursue a full back end engineering or full stack role.

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- ⌨ godeva

Education

Worcester Polytechnic Institute	Aug. 2015 to May 2019

Bachelor of Science in Computer Science
Dean's List Fall 2017 and Spring 2018

Skills

CORE LANGUAGES
Python
Java 11/8
Golang
SQL
HTML5
CSS
JavaScript

TOOLS AND SKILLS
Amazon Web Services (AWS)
Git
Rancher
Spring Boot Framework
Swagger
APIGEE
Jenkins CI/CD
Datadog
React
Node.js
Maven
JIRA

LICENSES & CERTIFICATIONS
The Machine Learning Pipeline on AWS Completion
Coursera Machine Learning (Stanford University)
AWS Certified Cloud Practitioner (CLF)
Microsoft Certified: Azure Fundamentals
Capture the Flag | Hack & Learn Advoqt Completion
Certified Scrum Product Owner (CSPO)

Employment

Fidelity Investments
Software Engineer
Merrimack, NH
June 2019 to Current
- Worked on modernizing multiple REST APIs deploying to AWS EKS and Rancher 2.3 for internal and external clients under the Mutual Funds team
- Wrote Periodic Investments API and worked with multiple consumers to determine their information needs
- Lead Mutual Fund labs team to develop internal proof of concepts webservices
- Hands-on experience developing new RESTful web services using Java frameworks such as Spring MVC
- Enjoys fast paced environment, customer driven, and self-motivated to drive the development of highest standard

NVIDIA
Software Engineering Intern
Santa Clara, CA
Jan. 2019 to Mar. 2019
- Improving Tegra Boot and Power Management Processor (BPMP) Code Base to achieve safety requirements under MISRA and ISO 26262 standards

Analog Devices
Software Engineer Fall Co-op
Boston, MA
Sept. 2018 to Dec. 2018
- Assisted in building an RC model autonomous vehicle for trade show demos. Configured SLAM algorithm and with Lidar, IMU, and Camera sensors.
- Worked with ROS (Robotic Operating System) using NVIDIA Jetson TX2 and NVIDIA Drive Px1 Model.

Worcester Polytechnic Institute
Information Security Specialist
Worcester, MA
Nov. 2017 to May 2018
- Assisted in building Splunk Queries to uncover security issues
- Built Python based web crawlers to collect statistic for information security team
- Writing reports and documentation for Gitlab Projects

Worcester Polytechnic Institute
IT Specialist
Worcester, MA
Sept. 2016 to Nov. 2017
- Assisted in resolving customers issues with hardware, software, and networking
- Researched client issues to resolve complaints promptly
- Supported faculty and students via technical support calls

Projects

Rank Choice Voting Project
Aug. 2021 to Current
Collaborating with a team of software engineers to develop a not-for-profit web app designed to quickly create and edit ranked choice voting polls. Developing Backend with Firestore and building RESTful API with Golang.

WPI Capture the Flag 2019
Mar. 2019 to Apr. 2019
One of the moderators WPICTF 2019. In addition, made Web challenges that required knowledge of exploiting PHP vulnerabilities.

WPI Capture the Flag 2018
Jan. 2018 to Apr. 2018
Hosted WPICTF 2018 and managed 600 teams as admin answering participant questions. Used Google Cloud, Docker, and python scripts to host and handle all the challenges.

RANKIT ~ A Machine Learning Ranking Analytics Tools
Aug. 2017 to May 2018
Developed front end views and back end connection to machine learning application. Project consists of three individual applications including interactive views, machine learning, and a database component. Takes in user inputted data and evaluates info through machine learning to provide best form of ranking view.

CAESAR ~ Context-Aware Event Stream Analytics Project
Dec. 2016 to May 2017
Managed and developed Front end and connected back end build of Project CEASAR model views. The application model can query heavy amounts of big data and provide queries, analytic, and interactive views to help the user identify areas of most frequent information.

Activities

Cyber Security Club · President and former Vice President/Treasurer
Sept. 2016 to Jan. 2019
- As President, I help instruct fellow members on exploring multiple approaches to take on security challenges.
- I also create CTF Challenges for Students to learn about common vulnerabilities, specifically in Web.
- I help to fund Capture the Flag competitions and facilitate security lecture events to help promote the club.