

# GOUTHAM DEVA SOFTWARE ENGINEER

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

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## Education

Quantic School of Business June 2022 to and Technology Current  
Master of Business Administration  
Extremely selective: of 50,000 applicants in 2019, fewer than 5% were admitted – a lower acceptance rate than Harvard Business School or Stanford Graduate School of Business.

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  
Solidity  
Java 11/8  
Golang  
SQL  
HTML5  
CSS  
JavaScript

### TOOLS AND SKILLS

Amazon Web Services (AWS)  
Terraform  
Jenkins Core  
Apigee  
Git  
Rancher  
Spring Boot Framework  
Swagger  
Datadog  
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

Digital Assets/Blockchain Engineer

Boston, MA  
June 2022 to Current

- Developed Solidity smart contracts for multiple projects with Fidelity labs (Internal start up)
- Setup Ethereum Node hardware and software for Solo Staking Experiments
- Developed DeFi Projects with FCAT (Fidelity Research Team) Blockchain Incubator team.

### Software Engineer

Merrimack, NH  
June 2019 to June 2022

- 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

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.

Aug. 2021 to Current

### WPI Cybersecurity CTF 2019

One of the moderators WPICTF 2019. In addition, made Web challenges that required knowledge of exploiting PHP vulnerabilities.

Jan. 2019 to Apr. 2019

### WPI Cybersecurity CTF 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.

Jan. 2018 to Apr. 2018

### CAESAR ~ Context-Aware Event Stream Analytics Project

Managed and developed Front end and connected back end build of Project CAESAR 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.

Dec. 2016 to May 2017

### RANKIT ~ A Machine Learning Ranking Analytics Tools

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.

Aug. 2017 to May 2018

## Activities

### Improv Asylum · Improv Performer Member

Took three levels of Improv Classes over the course of the year and volunteered at open longform performances.

June 2022 to Current

### Cyber Security Club · President and former Vice President/Treasurer

- 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.

Sept. 2016 to Jan. 2019