Tejasvi (Teju) Nareddy

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<u>Backend engineer</u> with experience in Cloud, AI, Big Data, and Blockchain

EDUCATION

Georgia Institute of Technology   *August 2015 – May 2019*
- GPA: 4.00 / 4.00
- Pursuing a Bachelor's in Computer Science with concentrations in Cloud Computing and Artificial Intelligence

PROFESSIONAL EXPERIENCE

Google Cloud Platform – Software Engineering Intern – Cloud Apigee   *Summer 2018*

Amazon Web Services – Software Developer Intern – Elastic Map Reduce   *Winter & Spring 2018*
- Currently working on exposing health statuses of Big Data applications such as Hadoop, Spark, Presto, etc.

Head Teaching Assistant for CS 3600: Introduction to Artificial Intelligence   *All of 2017*
- Teach students about Machine Learning, Markov Decision Processes, Probabilistic Reasoning, and Classic Search
- Create new projects, hold office hours, run review sessions, and ensure students are provided the tools to succeed

Salesforce – Backend Software Engineering Intern – Infrastructure & IoT   *Summer 2016 & 2017*
- Developed a RESTful, distributed web service in Java that maintains fixed-size pools of AWS EC2 instances
- Reduced AWS virtual machine spawn times for F5 BigIP Load Balancers by ~50% (20 minutes)

ACTIVITIES

Teacher and Facilitator for Girls Who Code   *June 2017 – Present*
- Teach middle school girls basic software engineering skills in Git, HTML, CSS, JavaScript, and Python
- Mentor a small group of students in creating their own Facebook Messenger chatbot and scratch game

Full-Stack and Backend Developer for Bits of Good   *August 2017 – Present*
- Work in an agile team of 5 students to build a tutoring platform from scratch for a non-profit in the Atlanta area
- Learning software design methodology and full-stack development using Mongo DB, Express, Node.js, and React

COMPLETED PROJECTS

Discover Reward Notifier: Chrome Extension – JavaScript   *March 2018 – Present*
Author and Maintainer of a beginner-friendly Open Source project

Hadoop Job Duration Prediction: Neural Net Prediction API – Python, Java, Bash   *February 2018*
- Collected and processed production data about Hadoop usage and trained the xgboost model to predict job times
- Demoed a realistic customer use-case by integrating our Sagemaker endpoint into the AWS EMR CLI

QuizLingo Voice Assistant: Google Assistant & Alexa Skill – Node.js, NoSQL   *June 2017 – January 2018*
Won the Actions on Google Developer Challenge: https://developers.google.com/actions/challenge/
- Developed a voice assistant skill that quizzes English speakers on vocabulary words in foreign languages
- Used Node.js with express for the REST server and AWS Dynamo DB with Heroku PostgreSQL for data storage
- Built a Google Dialogflow model for natural language processing and slot-filling responses to user messages

Logo Lens – Microsoft HoloLens App – C#, Python, SQL   *September 2016 – January 2017*
Won HackMIT, <u>Demoed to NASDAQ's CTO Brad Peterson</u>

SKILLS

Programming	Enterprise Processes	Open Source	Core Technologies
Java EE – Cloud Services	Microservices Architecture	moss.py	AWS, GCP, Azure
Node.js – Backend APIs	Serverless Architecture	CircleCI	Docker, Kubernetes
Python – AI & Big Data	Continuous Deployment	AWS CLI	Maven, Jenkins, Git
Solidity – Smart Contracts	Monitoring & Metrics	GIT MAD	Hadoop, IoT Devices
Bash – Tooling & Scripting	Log Data Analysis	Ethereum Docs	Oauth2, Linux, Unix
	Containerization	Xposed Framework	SQL & NoSQL Databases