Website: Sharvilp.me
Email: Sharvilp@umd.edu
Mobile: 301-326-7913

Sharvil Parekh

Technical Skills

Languages

Python, Java, Golang, C#, Node.js, PostgreSQL, Ruby, C

Tools

Lambda, SQS/SNS, S3, DynamoDB, ElasticSearch, Cloudformation, Alexa

Links

sharvilp.me/#projects
linkedin.com/in/Sharvilp6
github.com/SharvilP
devpost.com/SharvilP

Education

University of Maryland

B.S. Computer Science
Tech Entrepreneurship Minor
Expected Grad Dec 2019
College Park, MD

Organizations

Bitcamp

Tech Organizer
Manage tech for student run hackathon with 1300+ participants

Startup Shell

Development Fellow
Student run incubator for student-run startups at UMD

Phi Chi Theta

Professional Business Fraternity
Alumni Chair

Maryland Masti

Tech Lead

Relevant Coursework

Data Structures
Algorithms
Database Design
Practical Deep Learning
Human Computer Interaction
Full Stack Web Dev with Node.JS
Organization of Prog Languages
Discrete Structures / Mathematics
Introduction to Computer Systems
(C and Y86)

Professional Experience

Software Engineering Intern| Nextdoor

May 2019 - August 2019

- Revamped business pages search tool by creating dynamically generated ElasticSearch queries based on user input in Golang
- Created refund webhook flow to capture and persist a log of transactions for paying customers using the Stripe API

Sept 2018 - Dec 2018

- Built a low latency microservice in Golang to resurface precalculated data stored in data lake back to production using ECS across multiple regions
- Created a client side library in Python supporting peak throughputs of 2000rps
- Used SQS, S3, and Lambda to automatically load data from ETL pipeline

Software Development Engineering Intern | Amazon

May 2018 - Aug 2018

- Designed notification and daily digest summary email architecture for internal goal tracking tool used in business reviews
- Developed serverless architecture in Python using Lambda, SQS, DynamoDB, S3, and SES
- Integrated service into existing Java Spring application used by 2000+ teams

Software Engineering Intern | Whisker Labs

Jun 2017 - Aug 2017

- Developed Lambda function in Python enabling cloud to cloud data transfer between energy monitoring devices and our backend
- Designed groovy app allowing metering outlets to post power data to backend
- Created Slack Bot to help users subscribe to updates about an embedded device's lifecycle using Lambda, API Gateway, S3, and Slack RTM

Software Engineering Intern | Earth Networks

May 2016 - Aug 2016, Dec 2016 - Jan 2017,

- Developed a personal weather station dashboard website serving 3000 personal weather stations (Weatherbug Backyard)
- Built using SignalR with C# and Bootstrap and Bootstrap/Javascript

Projects

Terp Wash | Python | Alexa Skill | August 2017

- Published an Alexa Skill using AWS Lambda and Alexa Skills Kit to allow students to easily check the status of laundry machines in their dorms

Phillips IoT | Node.JS | May 2017

- Designed an IoT device and dashboard to monitor temp/humidity using RPi 0
- Used Adafruit IO as the IoT platform and Node.JS with Socket.IO for dashboard

Cardr | Node.JS| Bitcamp | March 2017

- Designed an online e-wallet for business cards using Node.JS
- Used Google CV to automate entering business card information by parsing an image of a business card and extracting all relevant information
- Accompanying Alexa skill in python to retrieve phone no and email addresses

EzPill | C# Python | MLH Prime | August 2016

- Fabricated a smart pill dispenser using a Raspberry Pi with an accompanying web and Android app