

DIVYESH HARIT

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EXPERIENCE

AMAZON WEB SERVICES – AWS (BELLEVUE, WA):

SOFTWARE DEVELOPMENT ENGINEER II

November 2020 – Present

- Design and develop complete front-end piece (user authN and authZ, user interface, routing and front-end server) of the service that serves Amazonians worldwide - **ReactJS, Express.js, Node.js**.
- Design and develop backend (permissions model, database schema and class hierarchy) as part of the service - **Python, DynamoDB**.
- Deploy and maintain AWS infrastructure for the service – **AWS CDK, CloudFront, S3, VPC, Route53**.
- Set up and fine-tune alarms, monitoring and logs to establish operational excellence for the service – **AWS CloudWatch**.

HEWLETT PACKARD ENTERPRISE (WESTBOROUGH, MA):

FULL STACK SOFTWARE ENGINEER II

January 2020 – November 2020

- Promoted in 16 months for developing crucial applications that significantly save time spent by engineers in root cause analysis of performance issues of company products.
- Developed a secure role-based access control login portal to present views specific to a company employee's role - **Node.js, Express.js, MongoDB**.
- Designed key application components: Role management, restricting access to a task for unprivileged roles, user access tokens, session management through browser cookies, secure password storage.
- Created a custom email sending server which enables the user to fill out a web form and send an email to team's email address.
- Added LDAP verification which allows searching for a user in the company's active LDAP directory and verifies them in order to allow/deny their access.

FULL STACK SOFTWARE ENGINEER I

August 2018 – Dec 2019

- Design and develop web-based applications for analyzing test results through the means of detailed graphs and real-time computed metrics – **JavaScript, Express.js, Node.js, HTML, CSS**.
- Design and develop an interactive automated dashboard that reads in recent test results and presents through the means of detailed analysis and graphs. – **ReactJS**.
- Write automated scripts to fetch, transform and update dashboard input data from database – **Python**.
- Create and maintain SQL database tables which stores performance test results – **MySQL**.

PROJECT FIRST SOFTWARE (ROCKY HILL, CT): FRONT-END DEVELOPER (REMOTE)

June 2017 – October 2017

- Developed the front-end of STATERA, an ERP software of the startup - **Angular 4, HTML, CSS**.
- Interacted with the endpoints of a REST API to fetch/update a SQL Server database and update the UI screens – **TypeScript, RESTful API, SQL Server**.

EDUCATION

UNIVERSITY OF MASSACHUSETTS AMHERST (Amherst, MA)

September 2016 - May 2018

Master of Science (MS) in Computer Science

GUJARAT TECHNOLOGICAL UNIVERSITY (Ahmedabad, India)

July 2011 - June 2015

Bachelor of Engineering (B. Eng.) in Computer Engineering

SKILLS

LANGUAGES:

Python, JavaScript

WEB TECHNOLOGIES AND FRAMEWORKS:

ReactJS, Angular, Node.js, Express.js, HTML, CSS, REST API

DATABASES:

MySQL, MongoDB, DynamoDB

CLOUD TECHNOLOGIES:

AWS CDK, S3, CloudFront, CloudWatch, Lambda

MISCELLANEOUS TOOLS/TECHNOLOGIES:

Elasticsearch, Git, JIRA, Heroku, Firebase