

DIVYESH HARIT

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EXPERIENCE

HEWLETT PACKARD ENTERPRISE (WESTBOROUGH, MA):

FULL STACK SOFTWARE ENGINEER II

January 2020 – Present

- 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 through one-way password hashing, SMTP server configuration for company email addresses.
- 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 screens – **TypeScript, RESTful API, SQL Server**.

EDUCATION

UNIVERSITY OF MASSACHUSETTS AMHERST (Amherst, MA)

September 2016 - May 2018

Master of Science in Computer Science

PROJECTS

CICS, UMASS AMHERST: GRADUATE STUDENT

- **REDDIT FEED SEARCH** – (Angular, Node.js, Express.js) January 2018
 - Developed and deployed a web application that displays neatly laid-out top posts' details and links from a user-defined subreddit using the Reddit API.
- **VAST CHALLENGE 2011** – (Python) October 2017 – December 2017
 - Preprocessed ~1M geocoded timestamped tweets & ~5000 news articles to solve the challenge.
 - Looked for data trends & patterns, and displayed observations as interactive visualizations in Bokeh.
- **MEMO – A MEMCACHED CLONE** – (C++) March 2017 – May 2017
 - Implemented a Memcached server using various cache replacement policies such as LRU.
 - Includes current memory status, set, get and retrieve commands for key-value pairs from memory.

SKILLS

LANGUAGES:

Python & JavaScript, Java(Familiar)

WEB TECHNOLOGIES AND FRAMEWORKS:

React, Angular, Node.js, Express.js, HTML, CSS, Bootstrap, REST API

DEVELOPMENT PRACTICES/METHODOLOGIES:

MVC, Agile(Scrum), MEAN Stack

DATABASES:

SQL(MySQL), NoSQL(MongoDB)

MISCELLANEOUS TOOLS/TECHNOLOGIES:

AWS, Docker, Elasticsearch, Git, Jenkins, JIRA, Heroku, Firebase