

Jeet Shah

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OBJECTIVE: A quick learner and excellent team player seeking software engineering opportunities.

SUMMARY

- Proficient in developing websites with **Python** and its frameworks (**Django, Flask**).
- Skilled in developing **cross browser** compatible **responsive** web pages using **HTML5, CSS3, React, jQuery and Bootstrap**.
- Robust knowledge of **MVC** architecture and **RESTful** Services.
- Experienced in working with distributed systems, object-oriented design, data structure, algorithms, and relational databases.
- Ability to articulate technical challenges and solutions.

EDUCATION

The George Washington University, Washington DC

August 2019 – May 2021

GPA: (3.8/4.0)

Master of Science in Computer Science

Courses: Machine Learning, Design and Analysis of Algorithms, Advance Software Paradigm

LDRP-ITR, India

July 2014 – April 2018

Bachelor of Engineering in Computer Engineering

Courses: Distributed Systems, Software Engineering, Web Technology

TECHNICAL SKILLS

Languages : Python, Java, R

Web Technologies : HTML5, CSS3, JavaScript, Ajax, jQuery, JSON, Rest APIs, Bootstrap, Redux, Express.js

Frameworks : JavaScript - React, Node.js; Java - Spring boot; Python – Django, Flask

Tools : Git, Virtual Box, PuTTY, Slack, Jupyter Notebook, PyCharm

Databases: MongoDB, SQLite, MySQL, PostgreSQL

Cloud Services: AWS, Firebase

Certifications: AWS Cloud Practitioner, Modern React with Redux

EXPERIENCE

The George Washington University

Role: Graduate Teaching Assistant

September 2020 – Present

- Implemented auto grader scripts in Python for programming assignments to verify all the testcases in less time and more efficiently.
- Contributed to the development of appropriate teaching materials to ensure content and methods of delivery meet learning objectives.
- Assisted and mentored around 70 students in working on Full-Stack to implement a web page.

Justcode Software Development

Role: Software Engineer

July 2017 – July 2019

- Gathered project requirements by regular communication with product owners and team members, and accordingly researched suitable tools and frameworks.
- Collaborated for code reviewing with peers and managers to write modular, secure, and well-tested code, and to ensure each increment adheres to original vision.
- Worked with cloud services such as Firebase and AWS to deploy serverless architectures.
- Developed RESTful web services with Python and Java.
- Created efficient and responsive web pages using HTML, CSS, JavaScript, jQuery, and Bootstrap.
- Built optimized and secure web pages using Python, JavaScript, and Java.
- Responsible for the full product lifecycle, including design, implementation, deployment, and maintenance.

PROJECTS

Smart Parking System: (HTML, CSS, JavaScript, Firebase, Java, XML)

- Developed an Android application on client side to find vacant parking slot at registered places. Deployed a website to administer system.

Student Mart: (SQLite, Java, XML)

- Built an application to help students to buy or sell books, furniture, and clothes, and to search for accommodation.

Tic-Tac-Toe Game: (Python, Postman)

- Implemented Minimax algorithm and Reinforcement Learning to play game with $n*n$ grid size. To overcome runtime issue, implemented caching, alpha-beta pruning and depth condition to stop further evaluating the tree.

Viterbi Algorithm: (Python)

- Implemented a dynamic programming algorithm which best explains given sequence of rolls of set of dice and probability of that sequence.