

# Jeet Shah

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[GitHub](#) | [Portfolio](#) | [LinkedIn](#)

## SUMMARY

Experienced software developer skilled in developing **cross browser** compatible **responsive** web pages using **HTML5**, **CSS3**, **React**, **jQuery**, and **Bootstrap** and **RESTful** Services, and having robust knowledge of **MVC** architecture.

## EDUCATION

**The George Washington University**, Washington DC

**August 2019 – May 2021**

Master of Science in Computer Science

GPA: (3.8/4.0)

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

**LDRP-ITR**, Gujarat, India

**July 2014 – April 2018**

Bachelor of Engineering in Computer Engineering

Relevant Courses: Distributed Systems, Software Engineering, Web Technology

## TECHNICAL SKILLS

Languages: Python, Java, JavaScript, R, Go, C, C++  
Frameworks: Django, Flask, React, Redux, Express, Spring boot, Pandas, NumPy, AngularJS, Ruby on Rails  
Web Technologies: Webpack, NPM, Node.js, Ajax, jQuery, JSON, Rest APIs, Bootstrap, HTML, CSS  
Tools and OS: Git, Jira, Jenkins, Linux, Docker, Virtual Box, PuTTY, SQLAlchemy, Bash  
Cloud Services: AWS, Google Cloud Platform  
Databases: MongoDB, MySQL, PostgreSQL, DynamoDB, SQLite  
Certifications: AWS Cloud Practitioner, Modern React with Redux

## PROFESSIONAL EXPERIENCE

**The George Washington University**

**Graduate Teaching Assistant**

**September 2020 – Present**

- Implemented auto grader scripts using Python and Bash commands for programming assignments to verify all the testcases in less time and more efficiently.
- Mentored around 70 students in implementing a Full Stack web application using Flask and MySQL database.

**Justcode Software Development**

**May 2018 – July 2019**

**Software Engineer**

- Responsible for the full product life cycle (SDLC) and 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.
- Developed applications using Python, Java, NodeJS, Relational and NoSQL databases, React, ExpressJS and Redux.
- Optimized existing APIs by leveraging Algorithms and Data Structures.
- Used Docker along with Jenkins to implement CI/CD.
- Leveraged AWS and Google Cloud Platform to deploy server-less architecture and to utilize their other services.

**Justcode Software Development**

**Software Engineer Intern**

**July 2017 – April 2018**

- Gathered project requirements by regular communication with product owners and team members, and accordingly researched suitable tools and frameworks.
- Developed Rest APIs using Django, Flask, and ExpressJS and Front-end using HTML, CSS, and JavaScript (ReactJS).

## PROJECTS

**Smart Parking System:** (Flask, MySQL, Flask-Bootstrap, HTML, CSS)

- Developed a web application to reserve a vacant parking slot at registered places and to administer entire system. This product saved time taken for finding a parking spot by around 70%.

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

- Implemented Minimax algorithm and Reinforcement Learning to play game with  $n \times n$  grid size. Improved runtime by 80% by implementing caching, alpha-beta pruning, and depth condition.

**Student Mart:** (SQLite, Java, XML)

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

**Viterbi Algorithm:** (Python)

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