

Vaibhav Shanbhag

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ
Master of Science in Information Systems, GPA: 3.75/ 4.00

Expected May 2020

Xavier Institute of Technology, Mumbai University, India
Bachelor of Engineering in Information Technology, GPA: 3.00/ 4.00

May 2018

RELEVANT COURSE WORK

Data Structures and Algorithms, Object Oriented Programming, Web Programming, Agile Methodologies, Database Management Systems, Distributed Systems, Computer Networks, Web Mining, Special topics in Software Engineering, Advanced Business Process Management, Project Management, IT Strategy, Integrating Information Systems

TECHNICAL SKILLS

Languages	Python, JavaScript, Bash, HTML, CSS, Bootstrap, DOM, jQuery
DBMS	SQL, MongoDB
Technologies	AWS Route 53, AWS EC2, Django, ReactJS, NodeJS, ExpressJS, RESTful API's
Tools	GitHub, Git, MS Office Suite, Signavio, Tableau, PowerBI,
Operating Systems	Windows, Linux/ Unix

WORK EXPERIENCE

Software Engineering Intern, NYC Sports LLC/ PlayBook **Sept 2019 – May 2020**
Playbook is a Sports Management start-up specialized in providing sports management software as service

- Resolved and Redesigned django back-end admin panel with 35% better usability capabilities for all the clients
- Developed Python based RESTful API to send registration and transaction emails over Mandrill
- Managed EC2, Route 53, S3 services on AWS cloud platform for monitoring company landing page
- Collaborated with QA engineer and senior software developer to fix bugs in production-based websites
- Developed automation script in bash to generate Heroku configuration settings for new websites saving 40% of on-boarding time
- Generated and configured Bitnami SSL scripts for word-press website hosted on AWS EC2 instance
- Engaged with internal teams to convert end user feedback into meaningful and improved solutions
- Developed and maintained user interfaces as per the client requirements (Bootstrap, HTML, CSS, jQuery, Django template)
- Deployed web application using the Linux server and git CLI

ACADEMIC PROJECTS

Stevens Institute of Technology, Hoboken, NJ
Exploratory Data Analysis of Summer Olympics Data

- Performed Exploratory Data Analysis on approximately 2 million Olympics data set from year 1896 to 2016 to find hidden patterns and meaningful insights using NumPy and pandas
- Normalized the data to perform Pareto analysis, calculate competitive index among users and visualized the results
- Inferred economic growth, greater happiness index and sports awareness can play major role to aid Olympic performance

E-commerce Website for PC Part Selection and Compatibility Guidance

- Devised e-commerce website allowing user to purchase computer hardware parts
- Developed compatibility guidance feature to help check compatibility of parts purchased for current system owned by user
- Utilized HTML, CSS, Bootstrap, jQuery, PHP, XAMPP and MySQL technologies for application development

Eve-online: Social Sentiment Analysis and Visualization

- Executed and organized research data consisting of 1.7 million records for Eve Online
- Analyzed sentiment of players with respect to newly released version of gaming platform (Space Based Online Gaming)
- Implemented dashboards offered dynamic visualization of various emotions between users
- Presented report on business variations and recommendations leveraging statistical result for better software update

PERSONAL PROJECTS

- **TinDog App:** Built a single page responsive front-end website using HTML5, CSS3 and Bootstrap
- **ToDo Application:** Developed ToDo Application using NodeJS, ExpressJS and MongoDB
- **Personal Portfolio Website:** Created personal portfolio website using Python, Django and PostgreSQL
- **E-commerce Website:** Designed E-commerce website using ReactJS and Django