Vipulkumar Mahadik

371 Elan Village Ln, San Jose, CA-95134 | C: +1 (817)-271-6982| vipul.mahadik@gmail.com
https://www.linkedin.com/in/vipulkumarmahadik/ | http://github.com/vipulmahadik

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Software Engineer, working **Fulltime** as **Machine Learning Engineer** at **Servicenow**

Technical Skills

Programming Languages	: Java, PHP, JavaScript (ES6), Python, REST web Services, C++
Operating Systems	: Windows family, Android, Linux, Mac OS. Also, experiences with AWS EC2 and Load Balancers
Database	: MySQL, MariaDB, MongoDB
Web Technologies / Frameworks	: React, Angular NodeJS, HTML5, CSS3, Bootstrap, jQuery, Ajax, Less, Sass/Scss, Gulp, Redis, Bolt, Symfony2, BoltCMS, Wordpress, Drupal.
Methodologies	: Agile Development, Unified Process Model, Scrum Model, Waterfall Model.

Work Experience

Machine Learning Engineer: Servicenow   **March 2019 — Present**
- Worked on build software using various open source NLP libraries.
- Build NLP data pipelines and perform data transformations to fit deep learning models for language learning.
- Designed and build data and AI/ML-powered platform architecture, products, and applications, including data analysis, refinement, and retraining.
- Worked on AI/ML modeling approaches such as supervised and unsupervised techniques

Full Stack Engineer: Passage.ai   **March 2019 — Feb 2020**
- Created RESTful APIs using Node.js and its frameworks Express with MongoDB to manage user data.
- Collaborate with a diverse team of designers, UI developers, backend engineers and QA's.
- Build complex use cases from the ground up using the latest web backend and frontend technologies.
- Worked closely with Javascript framework Node JS and Vue.js
- Enhancing and resolving bugs for existing web applications.

Full Stack Engineer: iD Tech Camps   **August 2017 — February 2019**
- Worked on various projects including Consumer facing website, E-learning platform at Camp, Camp level Staff management platform, Code backup system at Camp and Welcome Packet platform for parents.
- Demonstrated product deployment on Amazon EC2 instances using Blue-Green Deployment strategy.
- Created Webhooks for easy project wide workflow manipulation in Atlassian Jira and integrated notifications with Slack.
- Developed various routing mechanisms for E-Learning platform.
- Worked closely with Javascript framework React and PHP framework Bolt(Symfony2)

Software Engineer: Ninja Online Services – (Co-founder)   **May 2013 — July 2015**
- Build web applications for clients using PHP, Python, Bootstrap3, HTML5, CSS3 and MySQL Server.
- Responsible for full-stack development using JavaScript, jQuery, AJAX, and RESTful APIs.
- Implemented back-end service using Node.js and MongoDB as a database platform.
- Demonstrated good knowledge of Box Model, Document Object Model (DOM) and DOM functions.
- Used Ajax, JSON with jQuery for request data and response processing.

Education

Master of Science: Computer Science   **August 2015 — May 2017**
University of Texas at Arlington **(GPA: 3.83/4.00)**

Bachelor of Engineering: Computer Engineering   **August 2011 — May 2015**
Bharati Vidyapeeth College of Engineering (*Mumbai University*)

Personal Projects

Github Profile Viewer (ReactJS):
- Developed a React application to view Github profile of users and browse through their public repos.
- Demonstrated implementation and use of responsive design without using any CSS framework.
- Used the Github API for accessing the user data asynchronously implemented using EcmaScript 6 with ReactJS.

TV Show RESTful Web Services (NodeJS):
- Developed REST API for TV Shows with appropriate information about each show, used NodeJS with Express.
- The project supports various HTTP requests (GET, POST, PUT, DELETE), used MongoDB for data storage.
- The project is deployed on Heroku for demonstration and detailed usage provided in Github repo.