Vishwanath Patil

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EDUCATION

⇨ **MS in Computer Software Engineering – San Jose State University – Expected Grad Dec 2019(GPA 3.45) | Relevant Coursework:** Data Mining, Enterprise Software Systems, Large Scale data Analytics, Enterprise Distributed Systems, Web Development, Cloud Technologies and Virtualization.

SKILL SET

⇨ **Programming languages:** Python |C++| JavaScript | PHP | HTML5 |CSS3

⇨ **Full Stack Technologies:** Nodejs | Express| React | Redux |AngularJS | Bootstrap | GraphQL | RESTful API |HTTP

⇨ **Cloud Technologies:** AWS Cloud Platform | Google Cloud Platform| OpenStack | IBM Bluemix

⇨ **Database Skills:** MySQL | MongoDB| DynamoDB | Redis | Amazon RDS

⇨ **Tools:** Apache Kafka | Apache Zookeeper | JMeter | Mocha| GIT |Bitbucket | Diffchecker

PROFESSIONAL EXPERIENCE

Web Developer Intern | Incepiton Development Solutions | Bangalore, India   **Jan 2017 – Jan 2018**

⇨ Worked with a team to build a web application "Ihire" for clients using technologies Nodejs, CSS, HTML, Bootstrap, JavaScript. Databases used were MySQL and MongoDB.

⇨ Ihire is an online portal for job seekers to find a job and for Business user to post the jobs.

⇨ Built user authentication and authorization using PassportJS.

⇨ Used Nodemailer for email reminders of job matches.

⇨ Built small components using react and redux.

⇨ Worked on RESTful API's for building microservices.

⇨ Tested some of the services using Mocha testing.

ACADEMIC PROJECTS

Fandango Simulator

⇨ Developed Fandango prototype using ReactJS, Redux, Node.js, MySQL, MongoDB, Kafka, HTML & Bootstrap.

⇨ Used Amazon services such as EC2, Elastic Load Balancer, Auto-Scaling, RouteS3, AMI, RDS.

⇨ Used PassportJS for authentication, Redis for caching, developed custom analytics for tracking user action.

⇨ Used redis caching services in order to improve search requests by caching it locally in the browser.

⇨ Worked on building the backend API's using GraphQL.

Smart Street using Sensor Cloud

⇨ Developed a smart street application to view and analyze collected data from smart nodes on the street lights using technologies node.js, ReactJS, MongoDB for storing sensor collected data, MySQL for user and admin information storage.

⇨ Users can get information such as humidity, temperature, air quality, visibility using the sensors on these smart nodes.

⇨ Used Google map API's for real time node locating. And Hosted the website on AWS employing Elastic Load balancing and Auto-scaling services for increasing Up-time of the website**.**

Centralized Market Place Website

⇨ Developed Centralized Online Market Place to offer products and services from small websites using PHP, HTML, CSS, Bootstrap, MySQL, JavaScript.

⇨ Integrated Facebook Oauth and Google Oauth used web cookies to track user activity.

⇨ User was given ability to rate and review products and can see top visited products from other sites.

⇨ Used connection pooling services of MySQL for improving the performance of data retrieval from the database.

Freelancer Simulator

⇨ Developed Freelancer like web Application using ReactJS, Redux, NodeJS, MySQL, MongoDB, Kafka, HTML & Bootstrap with facilities such as session management connection pooling and delegated authentication.

⇨ Used Kafka for user-client interaction using chat like interface.

⇨ Designed different dashboards for both employees and employers using react and redux.

⇨ Used MongoDB for storing non-relational string data and MYSQL for storing user related Information.

⇨ Designed a user-friendly UI using Bootstrap and built the backend API's using REST services.