

Manank Valand

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EDUCATION:

Stevens Institute of Technology, Hoboken, New Jersey
Master of Science in Computer Science, GPA-3.7/ 4.0

May 2019

Nirma University, Ahmedabad, India

July 2016

Bachelor of Technology in Computer Science, GPA-3.6/ 4.0

SKILLS:

Programming/ Scripting Languages: Node.js, TypeScript, Python, JAVA, C++, R, Shell Scripting

Web Development: HTML, CSS, JavaScript, React.js, Angular, SASS, LESS, jQuery, AJAX, Handlebars, JSP, Spring boot

Database: Mongo DB, AWS Dynamo DB, Redis, PostgreSQL, SQL, PL/SQL, MySQL

Framework and Tools: GIT, GULP, Docker, Apache KAFKA, IBM MQ, Nginx, Ionic Framework, AWS, Linux bash

EXPERIENCE:

ADP, Florham Park, New Jersey – Associate Application Developer

August 2019 – Present

- Developing features like client dashboard for Accountants to manage their clients with rich insights using React.js, Node.js, Express.js
- Developing unit test cases for these features using Chai.js and Mocha.js. Increased application test coverage by 36%

ADP, Florham Park, New Jersey – Application Developer Intern

Summer 2018 and Spring 2019

- Integrated ADP marketplace and other services with ADP Accountant Connect app using React.js, Node.js, HTML, CSS
- Built a platform in React and Node to implement security features such as controlling access to sensitive data thru OTP
- Developed and deployed a containerized app to monitor app-data that presented live endpoints' responses in a lucid tabular format using Node.js, React.js with Alt.js, Express JS, Mongo DB, Docker, Nginx.

Infosys Ltd., Hyderabad, India – Systems Engineer

July 2016 - July 2017

- Led a team to build a cross-platform e-commerce web-app using Node.js, React.js, MongoDB, AWS, phonegap.
- Constructed batch job scripts in ETL for Informatica using Java to ensure accuracy and efficiency in analysis
- Developed an automation program for time-logs manipulations in Transformation phase using Java and VBS
- Saved 8 hours/day for 5 resources in the project and in turn, saved company's \$420,000 yearly thru automation

Infosys Ltd., Mysore, India – Software Developer Intern

January 2016 - May 2016

- Devised a web-based learning portal featuring Teacher search by student's location as a team lead.
- Implemented personalized note making and payment portal using Java, JSP, JSF, Spring boot, Mongo DB and Hibernate

Strawberry Enterprise, Ahmedabad, India – Software Developer Intern

Summer 2014 and 2013

- Developed a Python - game in which a sprite was rewarded for catching good food and penalized otherwise
- Project Learning tool - An interactive GUI for Python-Open CV program module, to help facilitate a 3D printing project

Freelancer - Full Stack Developer

December 2015 - August 2017

- Engineered web apps, Cross-Platform mobile apps, Dashboards/Admin pages, E-commerce platforms, Desktop Softwares.
- Worked with Python, JAVA, Node.js, React.js, Express JS, My SQL, Mongo DB, PHP, Ajax, Phonegap, Ionic

PROJECTS:

Stevens Institute of Technology, Hoboken, NJ

August 2017 – May 2019

- **Database Query Processing Engine** (JAVA, PostgreSQL)
 - Built a custom database query processing engine for AD-HOC OLAP queries using JAVA and PostgreSQL
 - The query construct is based on an extended SQL syntax known as Multi Feature and Extended Multi Feature Queries
- **Blockfolio – A Crypto management App** (Node.js, React.js, Mongo DB, Redis, Socket, JEST, HTML, CSS)
 - Simulated the trading platform for cryptocurrency-market to help user understand the trading environment by performing transactions with actual market price.
 - Developed a live dashboard, Buy-Sell platform and a portfolio manager to play around with initial money provided on signup
- **Career Path Prediction** (Python, Beautifulsoup)
 - Predicted the career path required to become a specific position, based on the resume provided
 - Implemented comparative analysis on Indeed.com scraped data using SVM Algorithm (scikit learn- Python)
- **Smart Web Developer** (Node.js, React.js, Amazon Alexa, Google Assistant, Dialogflow)
 - An interactive Bot which takes your requirements (voice/ text) for a website, develops and hosts a fully functional website on a Google Firebase in a blink.
- **Personality insights Bot:** (Node.js, React.js, Facebook Graph API, wit.ai)
 - Facebook Messenger Bot using IBM Watson, which gives the accurate insights of a person/ celebrity based on his all posts from the beginning.