

Manank Valand

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EDUCATION:

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| Stevens Institute of Technology , Hoboken, New Jersey Master of Science in Computer Science | Expected May 2019 |
| Nirma University , Ahmedabad, India Bachelor of Technology in Computer Engineering | July 2016 |

SKILLS:

Programming/ Scripting Languages: C++, Python, Pygame-python, Java, COBOL, Shell Scripting, TypeScript, JavaScript, REBOL
Database: SQL, PL/SQL, MySQL, PostgreSQL
Web Development: HTML, CSS, JavaScript, PHP, JSF, JSP, Spring MVC, Mongo DB, Phonegap - Cordova, Node JS
Frameworks and Tools: OBIEE, Informatica, Tableau, Bootstrap, Codeigniter, Ionic, Oracle 10g, GIT, Argo UML

EXPERIENCE:

- Infosys Ltd., Hyderabad, India – Systems Engineer and Associate Analyst** **July 2016 to July 2017**
- Constructed batch job scripts in ETL (transformations and data validation phase) for Informatica tool to ensure accuracy and efficiency in analysis reports. (For investment banking clients)
 - Developed, deployed and tested OBIEE-12c-cloud reports and dashboards according to clients' requirements to improve and enhance product's sale in next quarter. (For automobile clients)
 - Led a team for a customized, cross-platform e-commerce web-app using PHP, Ajax, Node JS, Bootstrap, Ionic.
 - Created automation program for time-logs manipulations in ETL-Transformation phase. (using VBS, Python, Informatica)
 - Automation saved 8 hours/day for 5 resources in the project and in turn, saved company's \$420,000 yearly.
- Infosys Ltd., Mysore, India - Summer Trainee** **Summer 2016**
- Underwent certified training for data analytics and reporting.
 - Managed dashboard creation and report analytics using OBIEE, Informatica, and Tableau for airline client's project.
- Infosys Ltd., Mysore, India - Full Time Intern** **January – May 2016**
- As a team lead, implemented a web-based learning portal featuring personalized note making, teacher search by student location, and payment portal (using JSP, JSF, Spring MVC, Mongo DB, Hibernate, Apache Maven).
- Strawberry Enterprise Pvt. Ltd., Ahmedabad, India - Summer Intern** **Summer 2014**
- Developed a game for company's child nutrition campaign, in which a sprite was rewarded for catching good food and penalized otherwise. (using Python - Pygame)
- Strawberry Enterprise Pvt. Ltd., Ahmedabad, India - Summer Intern** **Summer 2013**
- Supervised and introduced a 'Project Learning tool' with a team. A user-friendly interactive GUI for Python-Open CV program modules, to help facilitate a 3D printing project. (using Python - Tkinter)
- Freelance Work - Full Stack Developer** **December 2015-August 2017**
- Engineered Responsive Designed-Static or Dynamic websites, Cross-Platform mobile apps, Dashboards/Admin pages, ERP software, E-commerce platforms etc. for more than 40 clients across the globe.
 - Worked with Bootstrap, node js, PHP, Ajax, JSON, Phonegap-cordova, Ionic, Python, Tableau
 - **Live examples:** grabyourjob.com, postalpincodes4u.com, colourcase.ca, a2zpostalpincodes.com, caarpartsindia.in, hotelpurnima.in, thehra.in, programous.com etc.

PROJECTS:

- Amazon Alexa Bot, Google assistant Bot with personalized features. (using Amazon Web Services (AWS-like S3, Lambda), Dialogflow – api.ai, Tensorflow API, node js)
- Facebook Messenger – Personality insights Bot using IBM Watson, wit.ai, Facebook graph API, messenger API
- Business Bots communication (between 2 facebook messenger bots).
- Established a YouTube playlist downloader, which takes questions as voice input and assists the user in order to download a full playlist in a single click. (using Python ttsx and Google Cloud Speech API)
- A social networking web portal like Facebook and LinkedIn. (using bootstrap, ajax, PHP, node js, jquery, json)
- Project "Help Me" - A web and android application which sends notification and SMS to user's friends who are in 1Km geo-fence. (using Phonegap-Cordova, bootstrap, node js, Ionic, PHP)
- Devised a single player AI based puzzle game using Python – Pygame (computer as a second player).
- Created "Software Comparer": AI-based web application which gives free alternatives to the paid software search and can suggest related information according to user's data and previous searches.

ACHIEVEMENTS:

- Received a golden award for saving a huge amount as \$420,000/year at Infosys
- Survey Paper on "Parallelization of Pseudo Random Number Generation"