Manank Valand

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OBJECTIVE:

Looking to leverage extensive background in web/SW development into Technology summer intern position.

EDUCATION:

Stevens Institute of Technology, Hoboken, New Jersey   **Expected December 2018**
   Master of Science in Computer Science
Nirma University, Ahmedabad, Gujarat, India   **July 2012 to July 2016**
   Bachelor of Technology, Computer Engineering

SKILLS:

Programming/Scripting Languages: C++, Python (GUI and Gaming library), Java, COBOL, Shell Scripting, JavaScript, REBOL
Database: SQL, PL/SQL, MySQL, PostgreSQL
Web Development: HTML5, CSS3, 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 - **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 Product based 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 - 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 - 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. (Technologies used: JSP, JSF, Spring MVC, Mongo DB, Hibernate, Apache Maven).

Strawberry Enterprise Pvt. Ltd., Ahmedabad - Summer Intern   **Summer 2014**
- For a company's child nutrition campaign, developed a game in which a sprite was rewarded for catching good food and penalized otherwise. (Technologies used: Python with Pygame Library)

Strawberry Enterprise Pvt. Ltd., Ahmedabad - 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. (Technologies used: Python with Tkinter Library)

Order One –Founder, Full stack developer   **December 2015-August 2017**
- For more than 40 clients across the globe, engineered Responsive designed-Static or Dynamic websites, Cross-Platform mobile apps, Dashboards/Admin pages, ERP softwares, E-commerce platforms etc.
- **Technologies**: Bootstrap, node js, angular js, PHP, Ajax, JSON, Phonegap-cordova, Ionic, Python, Tableau
- **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 and Telegram bot with personalized features.
- Established an AI-based YouTube 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. (Used 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:

- Wrote a survey paper on Programs that test themselves.
- Gave a seminar on 'Parallelization of Pseudo Random Number Generator'.
- Got a golden award for saving a huge amount as $420,000/year at Infosys.