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Sujil Maharjan

EDUCATION

Ramapo College of New Jersey   Mahwah, New Jersey
Major in Computer Science and minor in Mathematics   May 2017

TECHNOLOGY SUMMARY

Proficient: Java, C++, Python, JavaScript, React, Angular, VueJS, Java Springboot, Node.js, ExpressJS, SQL, MongoDB, Android
Familiar: C, Assembly Language, Apollo, GraphQL, AWS, ExtJS

TECHNICAL EXPERIENCE

Accenture | *Senior Analyst/Full Stack Engineer*   **Florham Park, NJ, USA**   **Jun 2017 – Current**
- Lead Frontend developer in a leading health insurance company responsible for design, development and CI/CD pipeline for consumer facing web application with over 100,000 users every day. Transformed the efficiency and speed of the web application. Created multiple API services to enhance application capabilities using NodeJS for multiple Proof of Concepts
- Lead Full-stack Engineer responsible for design, development and architecture of an entire web app using NodeJS, Vue, Java Springboot and MongoDb. Developed an Intelligent Trial Planning tool that predicts patient recruitment rate, costs and timelines of clinical trials that expedites the time to bring drugs to market and reduces the cost for Celgene (BMR)
- Developed an Alexa app for the Intelligent Trial Planning tool using Java in 2 days
- Consulted a high-risk data visualization project with Anthem Inc. that was facing extreme lagging and provided an effective solution by refactoring an entire application codebase with efficient application architecture and ExtJS coding practices
- Analyzed relationship between various features of credit card transactions using various analytics and visualization tools and created fraud detection model using SVM and Decision Tree
- Analyzed and judged more than 35 designs submitted from multiple countries for a commercialized UI application through 99Designs competition

GE Healthcare | *Software Engineer Intern*   **Milwaukee, WI, USA**   **Jun 2016 – Sept 2016**
- Designed and developed several RESTful APIs that are used by hundreds of field engineers using Java and Springboot
- Developed integration test framework that allowed waveform verification to increase reliability, efficiency and quality assurance process throughout the system integration using Java and AngularJS

Problets - National Science Foundation | *Research Assistant* **Mahwah, NJ, USA**   **Jan 2015 – Jan 2016**
- Created a tool to track and analyze the student's knowledge of programming, modeling an effective feedback solution for Parsons puzzles software through the error analysis

Microsoft | *Senior Student Partner (SSP)*   **Mahwah, NJ, USA**   **Aug 2016 – May 2017**
- Host monthly technical workshops on topics such as Machine Learning, Software Development, Web Development and Internet of Things with attendance of more than 20 students
- Mentor 5 student partners from Princeton, Rutgers and Lehigh university with technological workshops and skills development

Barneys New York | *MIS Intern*   **New York, NY, USA**   **Jan 2016 – May 2016**
- Supported end-user requests for information access to various software and frameworks on a daily basis
- Assisted the employees to configure and troubleshoot any issues related with computer system

PROJECTS

Ava (MLH 2nd prize, Best healthcare hack) | December 2016
An android application that provides patients an effective and timely treatment by increasing accuracy of self-medication and increasing response time and effectiveness of emergency treatment. Python, Java, Android, Twilio API, Google Vision API

Nora (hackRU winner) |*October 2016*
A web and android application that manages the ultimate online shopping wish list and analyzes if it is a right decision to purchase the items using Google Vision API, AWS, Twilio API and CapitalOne Nessie API. Java, Python, Android, HTML, CSS