Akshdeep Singh Rajawat

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EDUCATION

Master of Science in Computer Science   Aug 2021 - May 2023(Expected)

University of North Carolina, Charlotte, NC, USA

Coursework: Data Structures and Algorithm, Knowledge Discovery & Database and Intelligent Systems

Bachelor of Engineering in Computer Science   June 2018

Coursework: Web development, C Programming, Python, Intro to Data Structures and algorithm

SKILLS

Languages: Python, JavaScript, C/C++, React, React Hooks, Node.js and MySQL

Tools and Libraries: Numpy, Pandas, Matplotlib, Git, Bitbucket, SVN, Docker and Jira.

Others: HTML5, CSS3, Bootstrap 4, React Bootstrap, jQuery, axios, problem solving and Agile methodologies

EXPERIENCE

Gartner, Bangalore, India   April 2018 – August 2021

Associate Software Engineer

Single point Web application:

- Developed a **fully functional end-to-end web** application to access different internal services under one web application for the Data Harvesting team. Created separate components of each service and later called under one component. It involved working from **scratch to deploy** the code in the **production**.
- Tech Involved: JavaScript, React, CSS3, React Bootstrap, Node, axios, JSON and MySQL
- Impact: Increased the productivity of the team by **11%** in one sprint**.**

Data Mining and Pre-processing:

- Automated the scraping of data from dynamic websites with **100,000+ records** and later cleaned the data for further use. It involved working with large amount of data and scrapers running **continuously 24x7**.
- Tech Involved: Python, Numpy, Pandas, Matplotlib, HTML5, Xpath and JavaScript.
- Impact: Collected and handled over **1 TB** of data and saved manual human hours.

Axcess.io, Bangalore, India   May 2017 – July 2017

Software development intern

- Designed and developed the **cross-platform Front-end** of an Ecommerce website for the customer to order electric appliances online which helped them to increase their sales by over 30%.
- Tech Involved: HTML5, CSS3, Bootstrap4, JavaScript and jQuery.
- Provided exceptional customer service and technical support which helped them to launch their products online **on time.**

Projects:

- **Web Scrapers**: Created scrapers to automate the boring stuff like sending WhatsApp at specific time or checking cricket score using python and selenium link
- **College Tech Fest Website:** Developed front end of college's tech fest website using HTML, CSS, Bootstrap, JavaScript and jQuery which was compatible for all the devices link

Achievements and Awards:

- Achieved **2nd place** in Best final year projects of the batch 2018 for the Real time tweet analysis project.
- Secured **2nd place** in code debugging contest out of 100+ participants.
- Helped over **50+ students** to get started in Web development by organizing workshops.