

Yukta Vajpayee

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Summary

Growing Full Stack Developer adept in bringing forth expertise in design, installation, testing and maintenance of software systems. Experienced with the latest cutting edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team.

Skills

JAVA, Python, C++/C, CSS, HTML, Javascript, JQuery, SQL, Customer service, Mysql, NoSQL, MongoDB, Mongoose, ReactJS, Git, Git Bash, Node JS, Express.js, NumPy, Pandas, ServiceNow, REST, Matlab

Experience

Aruba Networks, Hewlett Packard Enterprises

Software Development Engineer | 01/2022 - Present

- Write efficient, maintainable and reusable code prioritizing privacy and security
- Collaborated with team for architectural decisions
- Simultaneously manage multiple projects and meet many strict deadlines
- Worked with Senior Program Manager to define high-level program roadmap, including definition, critical milestones, budget and strategic goals for luxury home building program

HighRadius Corporation

Techno Functional Consultant | 08/2021 - 01/2022

- I was assigned the product EIPP - Electronic Invoice Presentment and Payment Cloud, which enables clients/customers to review their bills and pay using the EIPP portal. My job role as a Techno-Functional Consultant was to gather requirements from our clients and implement their solutions in the EIPP portal. Technical skills like Database management and SQL were magnified.
- I was exposed to real-time customer-client interaction demos. I was also given a one-month training on how to work on Guesstimates and Estimations on specific Case Studies. Important Concepts of Order To Cash were demonstrated as well. The terminologies like RAID and RACI helped us throughout any guesstimates and estimations.
- Created and maintained clear, concise project plans and developed strategies to meet deadlines

Tata Steel -TISCO

Machine Learning Intern | 06/2020 - 08/2020

- tech stack used: python, which was embedded in the project for improving the performance of the valve monitoring system.
- manipulated datasets and heavily did data processing on them by transforming the csv data into charts for better observation.
- Collaborated with Senior Managers to hit key business goals and define project roadmaps

Foxmula under Inversion Consultancy LLP (associated with Microsoft)

Web Development Intern | 10/2020 - 12/2020

- developed a web application portal using HTML,CSS and JavaScript.
- this application portal sends an OTP to your email id for verification.
- Collaborated with team for architectural decisions

MedTourEasy

Data Analytics Intern | 11/2020 - 11/2020

- completed around 14 courses on Coursera giving me a thorough knowledge about ML pipelines, linear and logistic regression and types of models used
- was assigned a project to do blood level predictions using ML model
- Tech Stack: python along with different packages such as Numpy, Pandas, Matplotlib and so on.

The Sparks Foundation

Data Science and Analytics Intern | 08/2020 - 09/2020

- Designed, developed, and deployed business intelligence applications
- Designed analytical solutions
- Executed and validated test cases
- Prepared business models, flowcharts, and diagrams

Education

SRM Institute Of Science & Technology (Deemed University)

B-TECH (Computer Science and Engineering) | 05/2022

CGPA : 9.56

- Won an "Expert in C-Programming Certification" from SRMCARE in my 1st year for completing 200 DSA programs
- Secretary at SRM Institute of Engineering Technology
 - was part of three mega hackathons
 - did comparing along with college partner for a Project Expo.
- POC at SRMMUN Council Affairs
- Tech Head at SRM Fashion Club in the year 2021

Little Flower School

Science - PCM + Computer Science | 03/2018

ISC :

High School :81.2%

1. Secured Second Position in the Physics Buddy Olympiad(International School Awards -2016)
2. Winner at Inter and Intra school athletic meet
3. Organized the Science Fest Quantum

Little Flower School

PCM + CSE + Social Studies | 03/2016

ICSE Secondary School: 88.8%

1. Represented my school in Zonal Level Athletic meet and won third prize for High Jump
2. won over 50+ medals in athletic meets inter as well as intra school.
3. participated in various activities such as elocution, extempore and dance.

Projects

1. **Scheduling Multi-List (Full Stack Development)** - it creates multiple lists with the added functionality of adding/deleting the daily chores/reminders entered by the user.
 1. Stack - HTML/CSS, JavaScript , Embedded JS
 2. Framework - NodeJs , Express Js
 3. Databases - MongoDB
 4. Database Framework - Mongoose
 5. Server - AWS
 6. [Link](#)
2. **RESTFul API** - Built a backend project named WikiDB which consists of articles using the MongoDB graphical interface ROBO 3T.
 1. Front-End - HTML,CSS,JS
 2. FrameWork - NodeJS, ExpressJS,
 3. Tools - Robo 3T, PostMan
3. **The Valve Monitoring System** - An internship project given by Tata Steel where I worked in a team of two. My role was to manipulate data given by them and make a predictive Machine Learning model which analysis the performance of the Valve.
 1. Stack: Python
 2. Tools: Jupyter Notebook
4. **Movie Recommendation System** - This is a movie recommendation machine learning algorithm that is yet to be deployed. It returns the recommendation of movies according to the movies watched on a particular account of Netflix, Amazon Prime, and many more.
 1. Stack - Python
 2. Packages - Numpy , Pandas
 3. Type - Content Based Filtering

4. Tools - Jupyter Notebook
5. **Secrets Google OAuth 2.0** - This a Web Application built on localhost in which you can Register as a User and submit your secrets anonymously and also view the secrets submitted by other registered User. This Application is embedded with Level-6 Authentication and connected by the Robo 3T UI.
 1. Languages - HTML,CSS,JAVASCRIPT
 2. Framework - NodeJS,ExpressJS,EJS
 3. Command Line- Hyper Terminal
 4. Database GUI - Robo 3T
6. **Keeper App** - This Web Application is made on local server using React. This App is modified version of a To-Do list wherein you can add the Title as well as the content of your important notices. Moreover you can also delete the notice at your will.
 1. Languages - ReactJS,HTML,CSS
7. **Hand Writing Recognition** - This project can clarify blur images and as a result display the actual output.
 1. Stack - Python
 2. Algorithm - Random Forest Classifier
8. **Food Management System** - This Project is a full stack project wherein you can order your food via this app and also store them in your basket.
 1. Language - PHP, HTML,CSS
 2. Database - PHPmyadmin
9. **Invisibility Cloak** - This is the very famous invisibility cloak project from the Harry Potter Movie Series. The objectives of the project was basically superimposing the background feed and the hue that was specified in the algorithm made by using concepts of OpenCv and python
 1. Language - Python, OpenCv
10. **Portfolio Website** - This was my very first Portfolio website wherein I gathered all my qualifications and achievements into a single Portfolio.
 1. Languages - HTML,CSS
 2. Deployed - Netlify.com
 3. [Link](#)
11. **Salary Prediction** -This is a demo project which elaborates on how to deploy machine learning model using FLASK API.
 1. Languages- Python
 2. API - Flask
 3. Tools - Spyder and Jupyter

Awards

Expert Certificate in C-Programming : SRMCARE, Won Scholarship for securing a GPA of 9.5 above, 62nd Rank overall India at Independent Ninja, ASISC Zonal Winner in High Jump