Rudviq Sunil Bhavsar

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SUMMARY

- Skilled Computer Science graduate proficient in various programming languages like C, C++, Python, SQL and SAP ABAP
- Known for implementing innovative solutions, optimizing operations, and driving efficiency gains
- Strong project management and collaboration skills, showcased in reducing support tickets and excelling in national-level hackathons

EDUCATION

The University of Texas at Arlington, Arlington, TX   August 2022 – May 2024
Master of Science in Computer Science

Savitribai Phule Pune University, Pune, India   August 2016 – May 2020
Bachelor of Engineering in Information Technology

PROFESSIONAL EXPERIENCE

Student Computer Assistant, *The University of Texas,* Arlington, TX   December 2022 – Present
- Built responsive web applications using **HTML, CSS,** and **JavaScript** which led to a **20%** increase in administrative effectiveness
- Supported managed **SQL** databases and helped in **lab management** and **ticket resolution**, which reduced database errors by 30%
- Implemented unit testing and used **Git** for version control, which improved the collaboration efficiency by **50%** in the IT team

Systems Engineer, *Infosys, Pune*, India   November 2020 – August 2022
- Developed and optimized **SQL** databases in order to meet customer's needs and improve system functionality, which resulted in a **30%** decrease in database response time
- Created an efficient **Python** application to automate **SAP** software manual processes, saving the user's effort by **75%**
- Customized SAP applications developed using **SAP ABAP** to overcome the complex business requirements and expand the system capacity, led to **25%** decrease in error rates
- Implemented managed incident, problem, and change management through **ServiceNow** and achieved **90%** resolution rate within SLA targets and **25%** reduction in average downtime
- Managed **Agile** environments using **JIRA** for project management, and the efficiency of project delivery increased by **15%** and the duration of project completion decreased by 20%

PROJECTS

Social Me*, UTA,* Arlington, TX | React Native, TypeScript, Firebase
- Developed a location-based social app that notifies users when their friends enter a certain area, with added features such as **friend management** and **status setting**, built using React Native and Firebase

Wordle - Five-lettered word guessing game*, UTA*, Arlington, TX | React JS, JSX, JavaScript
- Designed and developed a website using **React JS** that implements a word-guessing game. Users can play the game by guessing a **five-lettered word** within **six** tries. The website features a **color code** display for each letter entered by the user, providing feedback on the correctness of their guesses. Deployed the project on **Netlify** for accessibility. You can access the project here.

Wishlist Wanderers, *UTA,* Arlington, TX **|** HTML/CSS, JavaScript, SQL, PHP
- Developed an engaging online platform **connecting** individuals based on **shared interests** and **life goals**, fostering community and empowerment to achieve aspirations

Prediction of Crop Prices, I^2IT, Pune, India | Python, SQL
- Developed an app using **FBProphet** to predict future prices of crop to solve monetary issues faced by farmers after selling crops in markets using data from past **5** to **20** years back

Pothole Reporting on the Road*, Smart India Hackathon (SIH)-2020* | Java, Firebase, XML
- Designed and built an app using **Java** and **Firebase** to let users report potholes on road to Government using **a camera** and **location** of device to designated politician of area

Supply ordering portal- CONTRACKTOR*, SIH-2019* | HTML/CSS, JavaScript, SQL, PHP
- Built a website using **JavaScript** and **SQL** focusing on cutting extra costs required for Government construction projects and avoiding money laundering by contractors
- Involved into algorithm and use cases design and integration of **Google Distance Matrix API** and **Google Maps API**

CERTIFICATIONS

Coursera: **Google** Data Analytics Professional Certificate   January 2023
Microsoft Technology Associate: Database Administration Fundamentals (MTA)   May 2019

TECHNICAL SKILLS

Programming Languages : C, C++, Python, SQL, SAP ABAP, Java, JavaScript, React JS, PHP, TypeScript
Tools & Technologies: Git, Github, React Native, JIRA, Selenium, Microsoft Azure, AWS, Linux, Docker, Android Studio, Service Now
Concepts: OOPs, Data Structures, DBMS, Machine Learning, Artificial Intelligence, Cloud Computing and Big Data

ACHIEVEMENTS

- Selected to participate in SMART INDIA HACKATHON 2020 - Internal Hackathon for problem statement of Government of Goa, India
- Advanced to SMART INDIA HACKATHON 2019 Grand Finale round for a problem statement presented by Central Ministry of India