Faisal Budhwani

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Summary

Aspiring software engineer with a strong foundation in computer science principles and hands-on experience in web development and cloud integration. Proficient in multiple programming languages, including Java and JavaScript, and familiar with big data technologies like Hadoop and Spark. Seeking to leverage my skills and passion

Education

San Jose State University, Master of Science in in **Computer Software Engineering**   Aug 2024 - Present
Nagpur University, Bachelor of Engineering in **Information Technology,** Nagpur, India   July 2018 - May 2022

Work Experience

Programmer Analyst at *Cognizant Technology Solutions*   Oct 2022 – July 2024

- ❖ Developed over 50 data processing components on Informatica Intelligent Cloud Services (IICS), leveraging Java for complex custom functions, data parsing, and real-time data transfer.
- ❖ Successfully transitioned 40+ components from Informatica PowerCenter to Informatica Intelligent Cloud Services, including the reengineering of critical workflows using Java to enhance performance and ensure compatibility within the cloud environment.
- ❖ Leveraged AWS S3 buckets and Snowflake databases with advanced queries to develop innovative solutions, reducing data retrieval time by 30%.

Big Data and PySpark Intern at *Cognizant Technology Solutions*   Jan 2022 - June 2022

- ❖ Executed a comprehensive flight analysis project using Python for data frame manipulation to accurately identify cancelled flights, tail number/head number discrepancies, weather-related delays, and distance-based flight categorizations. This initiative improved data accuracy by 20%, enabling more precise reporting and decision-making.
- ❖ Developed a Python-based tool using Tweepy, Matplotlib, and Seaborn to track and visualize trending hashtags in real-time, providing actionable insights for social media strategies. Adopted by 100+ users, it enhanced real-time monitoring and response capabilities.

Web Developer Intern at Prima Think Pvt Ltd   Feb 2021 - June 2021

- ❖ Developed a dynamic front-end website using HTML5, CSS3, JavaScript, and Bootstrap, enhancing the company's online presence and user engagement.
- ❖ Engineered a full-stack banking application with PHP and MySQL, enabling secure account management and money transfers for over 1,000 users.
- ❖ Architected a Performance Management System (PMS) with tailored login portals, streamlining activity management and achievement tracking across multiple user groups.

Academic Projects

Recommendation system for E – Commerce using Machine Learning:

- ❖ Developed a recommendation system for an e-commerce platform using machine learning algorithms, enhancing product recommendations and improving user engagement by tailoring suggestions based on user behavior and preferences.
- ❖ Implemented and optimized various machine learning models, including collaborative filtering and content-based filtering, to deliver personalized shopping experiences, which increased click-through rates by 15%.

Weather Mobile App:

- ❖ Developed a mobile weather application that dynamically fetches and displays real-time weather data using a Weather API, providing users with accurate and up-to-date forecasts.
- ❖ Integrated advanced features such as location-based weather updates and customizable alerts, enhancing user experience and engagement by delivering relevant and timely information.

Hospital management system:

- ❖ Designed and developed a comprehensive hospital management system using HTML, CSS, Bootstrap, JavaScript, MySQL, and PHP, enabling efficient patient record management, appointment scheduling, and billing processes.
- ❖ Implemented a responsive and user-friendly interface that streamlined hospital operations by integrating key functionalities such as patient registration, doctor management, and real-time data access.

Additional Information & Skills

Scripting Language: Python 3, JavaScript, PHP, jQuery
Databases: MySQL, JSON, Data Frames
Web Development: HTML5, CSS3, Bootstrap 3&4
Big Data Technologies: Spark, Big Data, Hadoop, HDFS, Hive
Programming Languages: Java, C
Soft Skills: Excellent Communication Skills, Leadership, Problem-Solving, Decision Making, Interpersonal Skills, Time Management, Critical Thinking, Practical, Sophisticated