JANAKIRAM SHARMA KASHIGARI

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Technical Skills

Data Analysis Tools: Python(Pandas, Numpy, Scipy),R,Excel,SQL,Tableau,SAS.
Web Development: HTML5, CSS, JavaScript, React, Angular, NodeJS, PHP, Express.js, Flask, Laravel, JSON, jQuery.
Databases: SQL,MongoDB,Firebase,No SQL systems.
Cloud Computing: Azure,AWS,Nutanix Cloud support.
Programming Languages: Python,Java,Javascript,C,C++,Typescript,Kotlin,Bash.

Experience

Associate Instructor <div align="right">**Jan 2024 - present**</div>
Indiana University, Bloomington, United States
- Demonstrated advanced proficiency in Android Studio, leveraging extensive knowledge of **Android architecture and development practices** for the course A290/590 Android Design and Development.
- Hosted regular and accessible office hours with a duration of 4 hours a week to accommodate diverse student schedules, **fostering an environment where students feel comfortable seeking assistance.**
- Employed a comprehensive approach to **grading student projects, evaluating coding practices, algorithmic efficiency, and adherence to best practices.**

Software Engineer <div align="right">**Jun 2022 - Jul 2023**</div>
Reputation.com, Hyderabad, India
- Ensured the stability of the product by addressing and resolving frontend bug issues, while concurrently enhancing the user interface for an improved user experience.
- Played a pivotal role in a cross-functional team's successful **migration of the codebase from Angular.js to React.js**, resulting in a remarkable improvement in application performance and user experience.
- Orchestrated the **Ranking Insights project, overseeing the generation of customer insights from internet data using various APIs and the implementation of React.js widgets based on high charts.**
- Implemented cutting-edge technologies to optimize user experience; **achieved a 40% reduction in application loading time, resulting in a 20% increase in user engagement and a 15% decrease in bounce rate.**

Systems Reliability Engineer Intern <div align="right">**Jan 2022 - May 2022**</div>
Nutanix Inc, Pune, India
- Got trained in **Computer Hardware, Computer Networks, Linux, Virtualization and VMWare.**
- Applied obtained skills from training to provide **customer support and resolve diverse issues** encountered by customers utilizing the Nutanix cloud infrastructure.
- Attained **Cisco Certified Network Associate (CCNA)** certification, demonstrating a 95% proficiency rate in network fundamentals and practices
- Made a substantial contribution to the **Nutanix Workforce Management Project (WFM), enhancing functionalities related to employee leave data management**. Contributed by incorporating visualizations and widgets to deliver insightful information to the management team.

Projects

Tour Management System | *React.js, Node.js, Express.js, MongoDB*
- Developed and directed **Tour Management System** with a team of 5 and built features like **two-factor authentication, itinerary customization, secure payments, and automated email confirmations.**
- Enhanced user data security and improved user experience with **place search, simplifying bookings for a seamless travel management process.**

Medicine Recommendation System | *Deep Learning, Data Science and Analytics, Flask*
- Executed a Medicine Recommendation System based on the results gained by performing **sentiment analysis on drug review dataset.**
- Deployed a **Stacked Ensemble Hybrid model, blending Long Short-Term Memory (LSTM) networks with Logistic Regression (LR)**, to perform sentiment analysis with an accuracy of 95%.

Credit Card Fraud Detection System | *Machine Learning, Data Science and Analytics*
- Designed a **fraud detection model using Random Forest, Isolation Forest, and Local Outlier Factor algorithms** on a Credit Card transactions dataset.
- Evaluated attribute relationships and achieved algorithm accuracies of 94% (Random Forest), 92% (Isolation Forest), and 90% (Local Outlier Factor).

Education

Indiana University Bloomington <div align="right">**Aug 2023 – Present**</div>
Master of Science in Computer Science <div align="right">*CGPA : 3.8/4.0*</div>
Chaitanya Bharathi Institute of Technology <div align="right">**Aug 2018 – Jun 2022**</div>
Bachelor of Engineering in Computer Science <div align="right">*CGPA : 3.7/4.0*</div>