SIVA RAMA PAVAN KUMAR BUDDI
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EDUCATION

Arizona State University, Tempe, Arizona, USA.   **Jan 2022 – Dec 2023**
  Master Of Science in Computer Science.   GPA: 3.8/4.0
Vellore Institute of Technology, India.   **Jul 2017 – Aug 2021**
  Bachelor Of Technology in Computer Science.   GPA: 3.9/4.0

TECHNICAL SKILLS

Languages: C, C++, Java, Python, R, C#, HTML, CSS, Angular JS, PHP, ASP.Net.
Software Process: Agile Methodology, SDLC, JIRA, DevOps.
Tools & OS: Spring, VS Code, Android Studio, Putty, Selenium, Power BI, Tableau.

Databases & Cloud: AWS, Azure, MongoDB, SQL, MySQL, Oracle, PostgreSQL.
Certifications: Aws Solutions Architect, Azure Fundamentals, Google Analytics.

PROFESSIONAL EXPERIENCE

Samirian Chemicals Inc   **Campbell, CA.**
Technology Solutions Engineer   **Mar 2024 – Jun 2024**
- Conducted data analysis and built company website to improve sales by 15% using various tools and technologies.
- Developed end-to-end applications in NetSuite, including scripting, designing workflows, and automating 10 processes to enhance operational efficiency.
- Collaborated with cross-functional teams to gather requirements, design solutions, and implement technology-driven initiatives to support business objectives.

Technologies: Python, Tableau, Microsoft Power BI, SQL, NetSuite, JavaScript, Suite Script, Fabric, Agile

Arizona State University   **Tempe, Arizona.**
Graduate Teaching Assistant   **May 2023 – Dec 2023**
- Designed Data Visualization course to develop course materials, assignments, for a class with 200 students.
- Coordinated with university marketing team to bolster university enrollment by implementing design principles to create visually impactful visualizations; resulted in an 80% increase in data comprehension.
- Collaborated with the instructor on research initiatives focused on visualization tools and contributed to the creation of real-time data visualizations.
- Facilitated students by providing guidance on tools such as Tableau, Power BI, resulting in an impressive 99% success rate.

Technologies: Python, Tableau, Microsoft Power BI, SQL, R, Statistics, Exploratory Data Analysis, Agile.

Navayuga Infotech   **Hyderabad, India.**
Software Engineer   **Jan 2021 – Dec 2021**
- Engineered a robust Automated Test Case Execution Framework by building sophisticated DevOps pipeline using Spring and Java to enhance the efficiency of software processes.
- Integrated seamlessly with Selenium, enabling automated execution of test cases, and ensuring thorough coverage of functionality and user interfaces.
- Developed an auto-generated web-based report using Django and 20 application programming interfaces.
- Augmented performance of the page up to 45% by testing with robot framework (RPA).

Technologies: Python, REST API, RPA, Spring, Java, JavaScript, MySQL, HTML, CSS, DevOps, Selenium, Django.

ACADEMIC PROJECTS

Course Registration Gateway   **Jan 2022 – May 2022**
- Spearheaded end-to-end Course Registration web application using Java and Spring Boot for the backend, MongoDB for unordered data storage, and PostgreSQL for relational data management.
- Followed a full-stack architecture, incorporating HTML and CSS and AngularJS for the user interface. Included features such as real-time availability updates, smart recommendations and 3 others based on academic history and requirements.
- Integrated Microsoft Azure cloud services into the application, ensuring scalability, and efficient deployment.

Technologies: Java, HTML, CSS, Bootstrap, Angular JS, Azure, PostgreSQL, MongoDB, Spring Boot, Agile, Bitbucket.

Bridge Safety Monitoring System   **Aug 2020 – Dec 2020**
- Programmed a system that predicts the possibility of traveling on a bridge based on 25 attributes.
- Deployed machine learning algorithms such as k-nearest neighbours, random forest, and others, achieving 98% accuracy.

Technologies: Python, Flask, Linear Regression, Gaussian Regression, Android Studio, Java, HTML, CSS, JavaScript.

Autonomous Banking Chatbot   **Jan 2020 – Apr 2020**
- Devised a comprehensive banking chatbot system that can answer over 100 banking-related queries.
- Employed Model-View-Controller (MVC) architecture enhancing the overall process flow for a smoother execution.
- Leveraged AWS services, including EC2 for scalability, S3 for storage, and RDS for managing the database.

Technologies: Java, HTML, CSS, Angular JS, Spring Boot, Microservices, AWS, CI/CD.