Padmaja Ramesh

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SUMMARY OF QUALIFICATION

Enthusiastic, Full Stack Java Software Developer with over 2 years of experience, backed by proficiency in Java and Python. Proficient in addressing real-world challenges using machine learning techniques. Committed to crafting scalable applications and staying ahead of technology trends. Completed the Cloud Skills Challenge, showcasing proficiency in cloud computing and integration.

TECHNICAL SKILLS

- **Programming languages**: Python (Python 2/3), Java, JavaScript
- **Web Frameworks**: Django, Flask, Spring Boot, Vue.js, React.js
- **Databases**: MySQL, PostgreSQL, Couchbase DB
- **Tools and Packages**: Anaconda, Git/GitLab, JIRA, qTest, Postman
- **IDEs**: Jupyter Notebook, PyCharm, Eclipse, Spyder, Visual Studio Code, IntelliJ, Spring Tool Suite
- **Cloud Services**: AWS (EC2, CloudWatch, DynamoDB, Glue, Lambda, S3 bucket), Microsoft Azure
- **AI Skills**: Machine Learning, Natural Language Processing, Sentiment Analysis, Data Visualization, Software Engineering, Technical Production
- **Intrapersonal Skills:**Troubleshooting, Problem Solving attitude, Bilingual in English and Tamil.

PROFESSIONAL WORK EXPERIENCE

TekSystems - Remote | *September 2022 - February 2023| Title: Full Stack Developer (Contract) | Client: USAA*

- Stabilized Java Gradle-based app for streamlined database-mainframe connections, utilized GitLab for CI/CD automation, enhancing release efficiency.
- Played an active role as a team member, worked alongside testers and senior coders to produce a functioning application
- Managed software testing and bug tracking using qTest and Merlin Link to JIRA, reducing issue resolution time by 20%.
- Applied agile methodologies, including Scrum, for continuous improvement and increased team efficiency.

Nzyme.Inc - Remote | *August 2021 - September 2022 | Title: Full Stack Developer (Contract) | Client: Vanguard*

- Collaborated on high-quality software solutions using Scrum Agile practices.
- Updated dynamic and responsive web apps with JavaScript and Vue.js, following the MVC architecture pattern.
- Fine-Tuned version control with Git and BitBucket, ensuring effective code change management.
- Analyzed user interface and experience requirements, aligning software solutions with business needs.

Pythonwise - Remote| *April 2021 - June 2021 | Title: Software Developer (Contract)| Client : IBM*

- Realigned requirements and assessed feasibility, analyzed appropriate technologies.
- Initialized estimates for enhancements using standard templates.
- Implemented Continuous Integration with Jenkins for efficient build processes.
- Managed local Kubernetes deployments, optimizing application performance in containers.

VOLUNTEER EXPERIENCE

Meta-Analyst   - Remote | *Crowd Doing | Sep 2020 - Mar 2021*
- Selected data annotations critical to model performance.
- Evaluated the effectiveness of articles and ingredients.
- Collaborated with a team of three members to ensure dataset quality.

Data Web Scraper   - Remote | *Crowd Doing | May - Sep 2020*
- Re-engineered web scraper tools to efficiently collect data for analysis.
- Utilized K-Means clustering to determine customer satisfaction and preferences for recommendation systems.
- Enhanced reporting systems using Gitlab and Trello.
- Developed data processing modules with Beautiful Soup.
- Rectified product feature analysis for customer approval and targeting.

CERTIFICATIONS
IBM SkillsBuild:
- *Per Scholas MERN Stack Course & Web Development| March 2024*
- *Per Scholas Data Analyst Core & Professional Skills | October 2023*

Cloud Skills Challenge*: Machine Learning Challenge Completion | August 2023*

AZ-900 : MicroSoft Azure Fundamental | *March 2023*

PCEP *- Certified Entry Level Programmer | January 2022*

EDUCATION

Per Scholas - Pittsburgh, PA (Remote) | *May 2022 – August 2022*
- Completed a 400+hours of full-stack Java bootcamp, gaining proficiency in Java, Spring Boot, Thymeleaf, Hibernate, JDBC, JUnit, HTML, CSS, JavaScript, and React.js
- Developed a capstone Library Management System project, which involved building a web-based application allowing users to create and update their accounts and manage library resources

Anna University - Tamilnadu, India | *September 2008 - July 2012*