**Padma Reddy**  
  
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U.S. Citizen – No Visa Sponsorship Required

**Professional Summary**

**Motivated and detail-oriented professional** with strong proficiency in backend programming, software development, and database management. Skilled in Python, Java, SQL, and modern backend frameworks such as Django and FastAPI. A quick learner and dependable team player with a solid understanding of APIs, server-side logic, and scalable application design. Adept at problem-solving, collaborating in agile environments, and delivering robust, high-performance backend solutions under tight deadlines.

**Technical Skills**

* **Programming Languages:** C, C++, Java, Python, C#, JavaScript, VbScript, PHP, Type Script, Ruby, Node.js, XML
* **Frontend Development:** HTML, CSS, Bootstrap, React, Vue, AngularJS, jQuery, React Native.
* **Backend Development:** Django, Flask, ASP, .NET, Ruby On Rails.
* **API Technologies:** FastAPI, REST API, SOAP API
* **AI/ML & Data Science:** Artificial Intelligence, LISP, Machine Learning, Data Science, NumPy, Pandas, SciPy, Matplotlib, Scikit-Learn, Anaconda, Power BI, Excel
* **Databases:** SQL, MySQL, Oracle, SQL Server, HANA, PostgreSQL, MongoDB
* **Development Tools:** Git, GitHub, VS Code, PyCharm, Excel, Jupyter Notebook
* **DevOps:** AWS, Jenkins, Docker, Chef, Kubernetes
* **Operating Systems:** Windows, Ubuntu
* **Embedded Systems/IOT:** Raspberry PI, Arduino
* **Cyber Security:** Basic understandings of Cyber Security Concepts
* **Other Skills:** Data concepts, SQL query writing, digital electronics, VLSI design, networking (switching & routing)

**Job Experience**

**Buhler India Private Limited July2024-Present**

Buhler India Private Limited is the Indian Subsidiary of the Swiss-Based Buhler Group, a global leader in process engineering and manufacturing solutions for the food, feed and advanced materials industries. Buhler India has become a pivotal player in the country’s food processing sector, aligning with initiatives like ‘Made in India’ to bolster local manufacturing and export Capabilities.

**Roles And Responsibilities**

* Development of back-end components to improve responsiveness and overall performance.
* Connecting the applications with third-party web services and APIs.
* Integration of user facing elements developed by front-end developers with server-side logic.
* Working with data pipelines, data analysis and manipulation using libraries like pandas and NumPy.
* Conducted Unit testing and debugging to ensure application performance.
* Identifying and fixing bugs.
* Developing scripts for automation of routine tasks, data extraction and processing.
* Working closely with DevOps, data scientists, front-end developers and QA teams.
* Maintaining and updating software documentation for future maintenance and upgrades.
* Collaborating with analysts to support reporting and data access needs.

**Environment:** Python, NumPy, Pandas, Matplotlib, SQL Server, HANA, Power Bi

**JLL Technologies Jan 2024-July 2024**

**JLL Technologies** is a IT company specializing in the design and development of scalable software solutions and mobile applications. The company focuses on delivering high-quality, customized technology services to meet diverse client requirements across industries, with an emphasis on performance, reliability, and user-centric design.

**Roles And Responsibilities**

* Wrote clean, scalable and efficient code following industry best practices and coding standards.
* Performing Data modelling and ensure optimal performance and data integrity in applications.
* Analysing client requirements and customize software solutions to meet specific business needs.
* Participating in client meetings, requirement gatherings and provide technical inputs during discussions.
* Conducting Unit testing and debugging to ensure high performance
* Identifying and fixing bugs.
* Conducting peer code reviews and refactored code to ensure maintainability and performance.
* Collaborating with cross-functional teams including designers, testers and project managers.
* Preparing technical documentation for developed features, modules and APIs.
* Providing regular status updates, time estimates and risk assessments to team leads and managers
* Assist in deploying applications on client environments and cloud platforms.

**Environment:** Java, Python, C#, Angular, React, .NET, SQL, MySQL, Oracle.