PRIYANKA YELLURU

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PROFESSIONAL SUMMARY

- Accomplished **Software Engineer** specializing in **Backend Development, Data Engineering, Cloud Technologies, and Automation**, with a proven track record of designing and delivering high-impact solutions.

- Expertise in architecting **scalable microservices**, building **RESTful APIs**, and implementing **CI/CD pipelines** to drive operational efficiency.

- Proficient in leveraging **AWS cloud infrastructure** and **containerization tools** like Docker to develop resilient, cloud-native systems.

- Skilled in **data analysis** and engineering using **Databricks, ETL Pipelines, SQL, Pandas, and NumPy**, with hands-on experience in managing **MongoDB, PostgreSQL, and NoSQL databases**.

- Demonstrated ability in **test automation** using **Selenium, Postman, and cURL**, ensuring robust and reliable software delivery.

- Well-versed in **Agile methodologies** and **SDLC**, with a strong emphasis on collaboration and continuous improvement.

TECHNICAL SKILLS

Cloud Technologies	AWS (Lambda, S3, EC2, Route53, Cloudfront), Docker, Containers
Programming Languages	Python, SQL, HTML, Javascript
Backend Technologies	Microservices, REST API Development, FastAPI, Flask
Data Analysis	Databricks, Pandas, Excel, NumPy, Data Visualization
Databases	MongoDB, PostgreSQL, NoSQL Databases
Testing	Selenium, BeautifulSoup, Manual & Automated Testing, API Testing, Postman, cURL ETL (Foundational)
DevOps & Tools	Git, GitHub, CI/CD, Visual Studio Code, Copilot, JIRA, Confluence, Splunk
Methodologies	Agile, Scrum, Kanban, Software Development Life Cycle (SDLC)

PROFESSIONAL EXPERIENCE

Software Engineer October, 2022 - July, 2024

Capgemini, IN

- Engineered advanced Python automation solutions for customer support processes, reducing manual effort and ticket processing time by over 30%.

- Developed a comprehensive internal customer request management portal, significantly enhancing operational efficiency and streamlining support workflows.

- Conducted sophisticated data analysis using Pandas, Excel, and SQL, generating actionable insights that directly influenced strategic decision-making.

- Implemented robust testing strategies, including manual and automated testing with Selenium, ensuring high-reliability standards across critical projects.

- Collaborated closely with cross-functional teams to implement Agile methodologies and best practices in software development.

Associate Developer   May, 2023 - June, 2024
AIRBUS Project (Client)

- Spearheaded the development of an internal automation system for ticket handling and order tracking.

- Created and optimized automation scripts that improved process efficiency and reduced operational bottlenecks.

- Executed comprehensive testing protocols to validate system reliability and performance.

- Actively participated in Agile development processes, contributing to continuous improvement initiatives.

EDUCATION

Bachelor of Technology - Computer Science, JNT University   June, 2018 - June, 2022

- Graduated with a strong foundation in software engineering, database management, and computer science principles

- Key Focus Areas: Python Programming, Software Architecture, Database Management Systems

- Developed advanced skills in data analysis, software design, and emerging technologies

PROFESSIONAL COURSES & CERTIFICATIONS

- **100 Days of Code: The Complete Python Pro Bootcamp** (Udemy)
  - Mastered advanced Python programming concepts, including object-oriented programming and automation
  - Developed hands-on projects in web applications, data visualizations, and API integrations
  - Gained proficiency in key libraries including Pandas, Flask, and Fast API, Web Scrapping, Test Automation With Selenium

- **AI for All: From Basics to Gen AI Practice** (NVIDIA Online Academy)
  - Explored cutting-edge AI technologies and their transformative potential across industries
  - Gained insights into machine learning, deep learning, and generative AI applications
  - Developed practical understanding of AI implementation and GPU technologies

- **MongoDB for Python Developers** (MongoDB University)
  - Advanced certification in NoSQL database management and optimization
  - Mastered CRUD operations, indexing, and advanced data modelling techniques
  - Explored MongoDB Atlas and advanced database optimization strategies

- **Databricks Fundamentals** (Databricks Academy)
  - Gained foundational knowledge in Apache Spark and Databricks
  - Learned how to create and manage clusters, workspaces, and notebooks
  - Explored data engineering and ETL workflows within Databricks

LANGUAGES

- English (Professional Working Proficiency)

- Telugu (Native Proficiency)

- Swedish (Basic/Beginner Proficiency)

REFERENCES

- References Available Upon Request