

Vignesh Shanmugam

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SUMMARY

Experienced Software Engineer with proficiency in Python and IBM iSeries, specializing in application design, development, and maintenance within the iSeries environment. I began my career at Cognizant, gaining valuable expertise in Python and AS400. Throughout my journey, I developed strong analytical skills, enabling me to comprehend AS400 code and apply this knowledge in creating Python tools for reverse engineering and modernization. My capabilities extend to crafting Python tools for legacy modernization. Possessing excellent communication and team-building skills, I approach projects with confidence and consistently deliver within specified timeframes.

WORK EXPERIENCE

Jr Software Engineer

Oct 2022 - Current

Cognizant | Chennai

- Analyzed client FD documents, ensuring clear understanding and addressing uncertainties.
- Developed bug-free modules, collaborating with QA for effective testing. Prepared technical documentation, including checklists and Test Design documents.
- Adapted Python tool for efficient report extraction from AS400, meeting new requirements. Utilized reverse engineering for accurate AS400 data retrieval, ensuring high-quality outputs.
- I prioritize time efficiency due to the project's short duration, planning and executing tasks accordingly to meet project deadlines.
- Leveraged legacy modernization tools for efficient collaboration and project achievement.

Software Engineer Trainee

12 Months (Oct 2021 - Oct 2022)

Cognizant | Chennai

- Acquiring intensive 3-4 month training program focused on AS400 and Python technologies, achieving proficiency in both platforms.
- In this project, my role involves running and modifying a Python tool for extracting reports.
- Utilized legacy modernization tools to analyze applications, facilitating seamless code migration within specified timelines.
- Modified and executed diverse reports, including Synon/RPG III to RPG IV conversion.

EDUCATION

Bachelor of Technology (B. Tech.) – Computer Science

June 2017 – July 2021

Periyar Maniammai Institute of Science & Technology (Thanjavur)

SKILLS

Technical Skills:

- Python programming (Pandas, Flask)
- AS400 (RPG III & IV, CL, DB2)
- SQL database management (MySQL, DB2)
- Visualization Tools (Tableau, Power BI)

Proficiency Level

Advanced

Intermediate

Intermediate

Beginner

CERTIFICATIONS

- **Google Data Analytics Certificate** – Coursera
- **Pandas** – completed in Kaggle
- **Microsoft Certified: Azure Fundamentals** – Completed in Microsoft
- **Intro to SQL** – completed in Kaggle
- **Intro to Machine Learning** – completed in Kaggle
- **SQL(Basic)** – completed in Hacker Rank
- **Python Full stack** – Completed in Pentagon Space
- **Cisco network Essential** – Completed in Cisco Networking Academy

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