Ayush Patel

ayush7.ap@gmail.com | 848-203-5822| linkedIn/ayush7patel | github/ayush7patel

SKILLS

Languages and Databases: SAP S/4HANA, Python, Java, C, R, Bash/Powershell scripting, HTML/CSS, JavaScript, SQL, MySQL
Tools and Technologies: Git, SAP Fiori, AWS, Excel (Intermediate), Tableau, Android Studio, JupyterLab, Visual Studio Code
Packages, Frameworks and OS: React Native, Node.js, Tidyverse, NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, Linux (Ubuntu)
General: Knowledge in SDLC, application deployment, business user experience, and basic AI and machine learning principles

PROFESSIONAL EXPERIENCE

UST GLOBAL | DEVELOPER 1 - ENTERPRISE SOLUTIONS   CA | May 2024 - Current

- Collaborated with cross-functional teams to design and deploy scalable applications, reducing downtime by **15%**.
- Conducted thorough testing and debugging of software applications, ensuring a **98%** error-free deployment rate.
- Automated routine tasks using scripting languages, decreasing manual workload by **30%**.
- Implemented technical training and support to new hires, improving team productivity and reducing on-boarding time by **40%**.

ENDEAVOR CONSULTING GROUP | JUNIOR BUSINESS ANALYST   PA | Feb 2024 - Apr 2024

- Monitored application processes and automated scripts using **Linux cron** jobs in a Linux environment, resulting in a **25%** increase in operational efficiency.
- Directed and executed Functional Unit Testing, coordinating closely with technical teams, which improved code quality and reduced bugs by **30%**.
- Managed **AWS S3** buckets for archiving reports, logs, and documents from **Tableau** applications and **Linux** environments using AWS CLI, ensuring **99.9%** data integrity and accessibility.
- Scheduled with team members and clients via SharePoint and Teams to manage, track, and execute project tasks, reducing issue-resolution time by **20%** and achieving **100%** on-time project delivery.

PROJECTS

MIGRATION OF A WORKLOAD ⬀   AWS - CLOUD SPECIALIST | MAY 2023

- Deployed a seamless migration of a corporate data center workload to **AWS** using EC2, VPC, RDS, Internet Gateway, and **MySQL**; enhanced data processing speed by **50%** and cut hosting costs by **15%**.
- Executed the **Lift & Shift** model to rehost application and database to **AWS**, ensuring **99.99%** uptime and maintaining data integrity, resulting in zero downtime and uninterrupted service for **100+ users**.

A* ALGORITHM SIMULATION ⬀   RU - PYTHON SOLUTIONS ARCHITECT | FEB 2023

- Developed an object-oriented maze traversal simulation employing the **A* algorithm**, improving path finding efficiency by **45%** and reducing computational time by **30%**.
- Crafted additional **A* heuristics** to anticipate future scenarios and adapt to changes, optimizing paths by **35%** in an environment with evolving obstacles influenced by probability factors.

ELECTION RESULTS DATABASE ANALYSIS ⬀   RU - SQL SOLUTIONS ARCHITECT | NOV 2021 - DEC 2021

- Engineered a **MySQL**-based database project, integrating constraints and triggers, which streamlined data management processes and reduced manual intervention by **40%**, ensuring seamless API functionality and task automation.
- Elevated data reliability by standardizing data formats and conducting thorough cleansing, leading to a **15%** increase in the accuracy of quarterly performance analyses for executive reports.

EDUCATION

Rutgers University   New Brunswick, NJ | May 2023
B.S. IN COMPUTER SCIENCE