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PAVAN KUMAR A

Python Developer

SUMMARY

- Analytical, motivated and hard-working Python developer with over six years of experience developing, debugging and troubleshooting end-end applications per client requirements and norms using Python coding language.
- Aspiring for a challenging position with a leading organization, where my knowledge and experience can be enriched and enhances the organization's bottom line profitability.
- Adequate understanding on Transportation/Railroad Domain.

PROFESSIONAL EXPERIENCE

Senior software Test Engineer

November 2019 - Present

Prokarma Softech Private Limited(Acquired by Concentrix)

Hyderabad, India

Project : UP BOS project (Team size of 8 Members)

Roles and Responsibilities

- Wrote **codes in Python** and designed & implemented **15+** low-latency, high-availability, and performant **applications**.
- Researched & identified best **back-end practices** to build efficient & **reusable applications** with **100% accuracy**.
- Implemented **security & data protection** & integrated data storage solutions including **databases**, key-value & blob stores.
- Good Experience in writing procedures and designing of databases.

Software Engineer

September 2017 - May 2019

Tech Mahindra

Hyderabad, India

Project: Train Enforcement and state Analysis(Team size of 2 Members)

Roles and Responsibilities

- Wrote python scripts to identify **highest rates of enforcement for trains in subdivisions** and shared reports/charts with client.
- Wrote python scripts to identify **number of state transitions**(uncovers location based issues) and shared reports/charts with client.
- Co-ordinated with analysis team and **came up with logging pattern and categorized reasons for state transitions and enforcements** and thus reduced the work of analysis team and ensured they get adequate time to concentrate on real issues and ignore the cluttered/petty ones.
- Working troubleshooting issues while deployments.
- Extensively worked with regular expressions and date-time modules.

Software Engineer

January 2016 - August 2017

Tech Mahindra

Hyderabad, India

Project :BOS Automation Project (Team size of 4 members)

Roles and Responsibilities

- Wrote **automation scripts using Python** and automated around 400+ scripts covering the requirements mentioned in Back Office Segment(BOS) FSD.
- Configured and maintained Jenkins to implement the CI process and thus paved a way for smooth execution process.
- Extensively worked with regular expressions, os module, file handling and few other third party libraries.
- Automated logs and pcap capturing for the BOS application.
- Conducted **manual testing** to confirm bugs(in case of script failure) for the testing team on the floor and thus revealed critical bugs in the application.

KEY SKILLS

- Python
- Pandas
- Unix commands
- Postgre SQL
- Test Automation

- Jenkins
- Manual Testing

EDUCATION

B.Tech. in Computer Science

April 2011 - April 2015

Rajiv Gandhi University of Knowledge Technologies, Kadapa, AP

Kadapa, AP, India

A public university with a student base of over 6k students

- **GPA: 7.98/10.0**

ACHIEVEMENTS

Received Best team award from client for performing stupendously in Current project(UPBOS Project).

- Received Individual contributor award from client for performing stupendously in Train Enforcement and State analysis project.
- Received Pat on Back and Certificate of Excellence for performing stupendously for the project (BOS Automation) in Tech Mahindra.
- Stood as Topper in Training program conducted at Tech Mahindra.