

# PAVAN MAHIND

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## OBJECTIVE

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A skilled Python and AWS developer with 5+ years of experience developing cloud-based solutions. Proficient in Python, Django, SQL, and AWS services (EC2, lambda, S3, CloudFront).

## EDUCATION

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**Bachelor of Electronics Engineering**, Walchand College of Engineering, Shivaji University 2014 - 2018

## SKILLS

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<b>Technical Skills</b>	Python, AWS Developer, Django, DRF, Docker, Kubernetes, Pandas, Numpy
<b>AWS Services</b>	Lambda, EC2, CloudFront, S3, API Gateway, Cloud formation, IAM, EKS Serverless architecture, SQS, SNS
<b>Certification</b>	AWS Certified Cloud Practitioner CLF-C02 – Dec2023

## EXPERIENCE

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**System's Engineer** Sep 2018 - Present  
Tata Consultancy Services Pvt. Ltd. *Pune, MH*

- RSVP Agent - Participated in the design and development.
- PIA ZFP - Improved the application performance and made it scalable.
- Received appreciation from higher management for the efforts.

## PROJECTS

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### GE Healthcare PIA ZFP - Python AWS Developer

- PIA ZFP is an IoT platform for GE medical devices where ZFP leverages iCenter data to provide customers with data coming from GE Healthcare Services Data Lake.
- Customers having individual tableau dashboards to check & monitor the data coming from hospital/equipment's reducing the on-prem footprints.
- Developed the standard pipeline for the multiple applications Cloud Admin Tool is developed for customer onboarding & subscriptions for an application.
- ETL is developed using multiple lambda's and stored in the database for the data coming in Json format.
- The data coming from iCenter is pulled via API and stored in S3 bucket in Json format. These files are used for further ETL process.
- Individual customers tableau dashboards are created once customer's is onboarded and subscribed to an application.

### GE Healthcare RSVP Agent Remot Connectivity Device - Python Developer

- RSVP (Remote Services Platform) is an IoT platform for G.E. medical devices, RSVP Agent is installed on a medical device, which enables Remote Connectivity of the Medical device from BackOffice.
- RSVP Agent enables remote service capability for the Medical Device. RSVP agent enables the medical device to run remote diagnostics, upload files to data lake for Analytics and provide capabilities of downloading software for security updates.
- As a part of this system, developed proactive, reactive, and platform features for customers.
- Also, Worked on creation of docker images for an existing application and integrated with kubernetes and Helm.

- As a Developer on an Agile team in the IoT space Python, Django Framework, Webservers, Docker/Kubernetes, and AWS Cloud Services, tools, and technologies.
- Developed web applications in Django Framework's model view control (MVC) architecture. Closely worked with various tools like perforce, collaborator, sonar lint, etc
- Automation scripting using Pytest and BDDs enabling 30% less of manual testing Developed various blocking concurrent calls and locking mechanism in REST API.

### **PSCU Bank - Python Automation Engineer**

- Written the scripts in python to automate the tasks to process the data and store in the databases.
- Developed the ETL python scripts which can take the data files from bitbucket and process these files and stores data in respective databases.
- Developed the ETL python scripts which can run via process and execute's java code and give the data files and process these files and store the data in the databases.

### **EXTRA-CURRICULAR ACTIVITIES**

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- Participated in the Fit4Life activity for the fitness and well being.

### **LEADERSHIP**

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- Actively involved in team meetings and discussions for the project.
- Actively involved in problem solving with teammates.