

# Juned Rajbhara

Python | AWS | Serverless

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Over the last two years at Fintso, I've been a part of the core technology team building the serverless reports engine and graphical dashboard (subscriber aggregate, investor, drilldown, etc) using Python on AWS. I have mentored multiple people who've joined after me in getting accustomed to the platform. In the process, I have developed a deep understanding of the microservices architecture of the platform.

## Relevant Experience

### Software Engineer @ FINTSO & @ Fibonalabs

Feb 2020 - Present # Bangalore, KA

#### PROJECT - FINTSO

Contractually worked for Fintso while at Fibonalabs. Hired by Fintso post performance evaluation. My responsibilities included design-driven development, development of new features in reports & dashboard roadmap for the client, enhancing the quality of present code, debugging and fixing subscriber reported bugs. Had used AWS services like a state machine, lambda, API gateway, param store, fargate, s3, DynamoDB, RDS, RDS proxy, code commit, CloudWatch, IAM, Cognito

- Developed and maintained report generation framework to generate dynamic PDF & Excel report based on user-selected option from front-end which contains graphical and visually formatted data based on graph ledger.
- Introduced generic placeholders for dynamic query building and adding reflection feature to reduce computation and filtering process it improved API performance around 60% and solve query length issue.
- Enhanced framework to support multiple products like Mutual fund, Global Investment, Fixed Deposit, Equity Basket, Insurance and toggling feature when certain product data is not required to display in response.
- Addressed subscriber reported bugs in the given time, tested fixes properly before delivering the tickets.
- Written unit test cases and integration test cases to make sure code work correctly.
- Work with approval-workflow team to write methods to support different level of calls from the state machine
- Worked on RDS Proxy and split query load between the read replicas & write node.
- Involved In POC for explore standard reporting engine then involved in data lab for amazon redshift & glue pipelines.

## Skills

### Programming Languages

Python, SQL, JavaScript, HTML, CSS/Sass, PHP

### Libraries & Frameworks

xhtml2pdf, xlswriter, Django, Flask, matplotlib, pandas, boto3, marshmallow, PyPika, pandas

### Tools & Platforms

Git, AWS, Serverless Architecture, WordPress

## Projects

### IOT based attendance system # 2017

Created a prototype for an attendance marking system using Arduino and RFID scanner same can be view using dashboard.

**Tech Stack** – PHP, AJAX, C++, Custom MVC .

**Modules** – ESP8266, Arduino, RC522 RFID Reader Writer

### Pothole Detection System # 2019

Worked on this project as my 5<sup>th</sup> sem submission with accuracy of 78% it had website which you can provide photo or video and as a result it gives frames marked with potholes.

**Tech Stack** – Django, Python, YOLO, OpenCV

### Blockchain Blog # 2020

Created this project as final year project where user can post anything anonymously and cannot be tempered afterwards.

**Tech Stack** – Flask, Python.

## Education

### Jain University

2018 - 2020 # Bangalore, KA

Master of Science in Information Technology

### CB Patel Computer College

2014-2017 # Surat, Gujarat

Bachelor of Computer Application

## Interests

Swimming, Traveling, Hiking