

# Jyoti Uppar

## Software Engineer

### CONTACT

jyotiuppar333@gmail.com  
9945613035  
Bengaluru

### PROFILE

I am a software developer with 8+ years of experience in development of GUI and complex application development in cloud environment. I have strong interest in the projects which require analytical thinking and intending to work on cutting edge technologies.

### SKILLS

Python  
AWS Services  
SQL  
PowerBI

### EDUCATION

**M. Tech** (VLSI and Embedded Systems), VTU Bangalore  
2014 – 2016

**B.E**(Electronics and Communication), SCTIT  
Bangalore  
2007 – 2010

**Diploma** (Electronics and communication), GPW Hubli  
2004-2007

### LANGUAGES

English, Kannada, Hindi, Telugu

### EXPERIENCE

Puresoftware Ltd(2022-Present)

L&T Technology Services(2016-2022)

EWAS Technologies Pvt Ltd ( 2011 – 2014)

### TECHNICAL SKILLS:

**Languages/Frameworks:** Python, SQL, VC++, C

**Databases:** MySQL, DynamoDB

**Tools / Concepts:** ETL, Git, Postman, Power BI, Jenkins, JIRA, HP-ALM, Doors

**AWS:** Lambda, S3, DynamoDB, API Gateway, Batch, Step functions, EC2, IAM, Glue, SNS, SQS, CloudWatch.

**Servers/ OS:** Linux, Windows, MacOS

**Software Testing:** Manual testing /Unit Testing

### AWS DATA Engineers

(IHS Markit, 2022 – Present)

Working on forecast adjustment simulation tool which helps OEM manufacturers to create simulation scenarios based on their assumptions and forecast the demand based on various geographic.

- Wrote various lambda functions to handle user operation on simulation tool. Reduced computation time to transfer huge amount of data through Rest API to simulation tool UI which reduced the application load time.
- Implemented data-migration job to migrate data from S3 bucket to multiple DynamoDB tables using step function and Batch.
- Implemented parallel processing for migration job thus decreasing its time from multiple hours to less than an hour.
- Designed schema for various DynamoDB tables.

### AWS Engineer

(OTIS Elevator, 2020 – 2022)

- Developed and maintained ETL workflows using AWS Glue and Python, ensuring the accuracy and reliability of data transformations.
- Worked on all the components of EC2 dashboard.
- Configured CI/CD Pipeline using Jenkins.
- Creating S3 buckets, managed policies backup on AWS.

### System Engineer

(Rockwell Collins, 2018 – 2020)

- Wrote code for beverage functionalities.
- Analysis of Software Requirements w.r.t functionality requirements.
- Writing SES/SRD/TCTP, verify the high-level requirements.
- Generating the Problem report (PR) and Checklist preparation.

### Software Engineer

(L&T, 2016 – 2018)

- Software Design and development using VC++ (MFC) and symbols creation and GUI creation using visual IDE.
- Configurations files Management for all Aircraft Sub Systems, use of MS Access database for storing and retrieve data using SQL.
- Overall Product integration and interaction as per to the client requirements. Interaction with Customer & end user for GUI improvements & usage feedback.

### Project Engineer

(Defence Avionics Research Establishment - DRDO, 2011 – 2014)

- Managing communication with Host through MSI for sending simulated signal data's and receiving command from Host using TCP/IP through Ethernet LAN.
- Analysis and Detection of emitter characteristics of AEW&C PFMG object file.
- Perform Analysis Dwell Request, all the Bit (IBIT, CBIT and POST) Operations & PFM Load Operation to the Host in Operational Mode.