Kartik Gupta

Software Engineer

Looking for a progressive organization that gives scope to enhance my knowledge and utilize my skills. Strong fundamentals in Telecom Billing Domain, Devops Engineering, Python, OOPS and Shell Scripting.

✉ Guptakartik129@gmail.com

📱 +91 8802108535

📍 Delhi, India

in linkedin.com/in/kartik-gupta-068798142

WORK EXPERIENCE

Software Engineer
Tech Mahindra Ltd.

12/2020 - 03/2023, Full-Time　　　　　　　　　　*Noida, India*

Achievements/Tasks

- ❖ Developed code in **PLSQL** to accommodate the functionality of **Billing Access Layer (BAL)** to reduce the bugs and defects for Openreach Wholesale Billing Customer (BT).
- ❖ Built a **Web GUI Interface** for easy accessibility to CP's using Angular, React JS, Azure Authentication and Docker compatibility.
- ❖ Built a logic to implement **Unit Testing automation** using Jenkins and SonarQube.
- ❖ Pipeline Deployment automation script was developed for smooth and bug free deployment during release timelines.
- ❖ Developed a script using shell scripting and APIs to improve performance during **Regression testing and Deployment phase**.

Cyber Security Analyst
Kyrion Technologies Pvt Ltd

06/2019 - 03/2020, Internship　　　　　　　　　*New Delhi, India*

Achievements/Tasks

- ❖ Developed **Local Access Server system** for sharing of relevant important information internally within the organization using PHP, Azure authentication, Firewall.
- ❖ Worked on how to create **image and Text encryption using AES** Algorithm method.
- ❖ Used **Byte Substitution**, shift rows and add round key algorithm to create an encrypted GUI for date transfer.

IOT and ML Developer
Inventrom Private Limited

09/2018 - 03/2019, Internship　　　　　　　　　*Bengaluru, India*

Achievements/Tasks

- ❖ Developed **Plant Based Light Monitoring System** using LDR Sensors, Bolt IOT and Bolt Cloud.
- ❖ Created model to predict the upcoming plant life cycles using previous data inputs and Machine Learning.
- ❖ Created a project to **predict Temperature and Humidity data** for next 2 months in the form of scattered and Visualization graph using ML and IOT models.
- ❖ Created a **Text Summarizer** using TensorFlow.

EDUCATION

IT and Systems Management
MBA

NMIMS　　　　　　　　　　　　　　*Mumbai, Maharashtra*

(Narsee Monjee Institute of Managment Studies)

01/2023 – 05/2025

Computer Science Engineering
B.Tech

SRM University　　　　　　　　　　　*Sonipat, Delhi-NCR*

06/2016 – 05/2020

Result – 7.4 CGPA

SKILLS

Python ｜ PLSQL ｜ TensorFlow ｜ React JS ｜ AWS

HTML & CSS 3 ｜ Shell Scripting ｜ PySpark ｜ Internet of Things (IOT)

PROJECTS

OR Billing Atlantis Dev TM (12/2020 - 03/2023)

- ❖ Developed code in PLSQL to accommodate the functionality of **Billing Access Layer (BAL)** to reduce the bugs and defects for Openreach Wholesale Billing Customer (BT).
- ❖ Built a **Web GUI Interface** for easy accessibility to CP's using Angular, React JS, **Azure Authentication** and Docker compatibility.
- ❖ Built a logic to implement Unit Testing automation using Jenkins and SonarQube.

Local Access Server system in Information Security (06/2019 – 03/2020)

- ❖ Developed **Local Access Server system** for sharing of relevant important information internally within the organization using PHP, Azure authentication, Firewall.
- ❖ Worked on how to create image and Text encryption using **AES Algorithm** method.
- ❖ Used **Byte Substitution**, shift rows and add round key algorithm to create an encrypted GUI for date transfer.

RFID Electronic and Motorized Door lock Mechanism Using IOT & ML (01/2019 – 06/2019)

- ❖ Built a Working **RFID Door lock mechanism** that works on the principle of **electronic & magnetic** currents when passed using a 12V adapter and IOT Module.
- ❖ It uses set of 4-amp relay, IOT module, Breadboard, circuits, **RFID module**.

Forecasting and Predicting through Regression Analysis by Machine Learning (08/2019 - 01/2020)

- ❖ Built using **ARIMA Model** that stands for Auto regressive Integrated Moving Average.
- ❖ It explicitly caters to a suite of standard structures in **time series data** and as such provides a simple yet powerful method for making skilful time series forecasts.
- ❖ **Regression analysis** estimates the conditional expectation of the dependent variable given the independent variables.

CERTIFICATIONS

RPA Developer Foundation from UiPath (01/2023 - Present)

HPE Certified Cyber Security Analyst (03/2020 - Present)