SHIVAJI THATTIKOTA

B.E. (Electronics and Tele-Communication)

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http://qrs.ly/ac726fu

OBJECTIVE:

A proactive individual seeking opportunity to work as a data scientist utilizing my analytical and methodical skills to help the company benefit to the fullest and enhance my personal growth.

WORK EXPERIENCE:

Programmer Analyst (EC–Mobility, Aurangabad)   June 3rd, 2018 – Present

Project: Data Logistic Tracker
- ❖ **Team Size:** 3
- ❖ **Role Played:** Developer, UI Designer
- ❖ **Technology Stack:** Python, Django, HTML/CSS, SQLite, Git
- ❖ **Description:** An internal application was required to track the details of a shipment sent to client and vice-versa. Used Django framework for developing the application. Key responsibility was to translate the functional requirements to technical requirements, design wireframes and better-quality application.

Project: iNnotate
- ❖ **Team Size:** 5
- ❖ **Role Played:** Developer
- ❖ **Technology Stack:** Python, MySQL, Machine Learning (TensorFlow), Gitlab
- ❖ **Description:** This project is an initiative by the developers of the company to automate the labelling process, thus increasing productivity. The project consists of different parts wherein I played a role of developing algorithm for detecting objects as per requirement. The detection of Algorithm acted as a server. Here a Linux OS based server was created where communication medium used was Flask REST API. The client which will always be Windows based will send an image directory along with a JSON file containing data created from a labelling tool. The server will detect all the objects in the image and then update it and send it back to the client in a file format compatible with the tool.

Project: Driving License Authentication System
- ❖ **Team Size:** 3
- ❖ **Role Played:** Designer and Developer
- ❖ **Technology Stack:** Embedded C, Python, SQLite, App UI Design (Android Studio)
- ❖ **Description:** This was R&D Initiative project wherein we developed a product that will allow only people with Driver's License to drive a vehicle. Biometric Authentication was the key concept of the project. Major role was to develop the code for integrating hardware like the fingerprint module, Bluetooth with mobile application and perform actions based on the commands received from the app.

SKILLS & KNOWLEDGE:

Language	Python, C++, Embedded C
Designing	HTML, CSS, Bootstrap
Platform	Linux, Windows
Tools	Git, Jupyter, Arduino IDE, Proteus (PCB Designing)
Methodology	Agile, Waterfall

PROJECTS UNDERTAKEN DURING ENGG:

- Monitoring and Report Generation of Faults occurred in 2-Wheeler Chassis using HMI
  - ❖ A project sponsored by Metalman Auto Pvt Ltd. The project uses key components like PLC, interfacing it with HMI, along with push buttons to solve the problem of fault counting occurred in 2-wheeler chassis.
- Robot for Inauguration of Quasars 2018 (Annual Social Gathering, DIEMS) – SAGY
  - ❖ A humanoid robot, having its movement controlled by RF module and hand movements controlled by Bluetooth module interfaced with Arduino UNO. The robot inaugurated Quasars 2018 with the help of inaugural video and felicitated chief guest by giving a rose.

EDUCATION:

Bachelors   May 2018
Pursued B.E. Degree in Electronics and Tele-Communication Department in Deogiri Institute of Engineering and Management Studies, Aurangabad.
Aggregate: 74.7%

HSC (Science Stream)   March 2014
Shiv Chhatrapati Junior College, Aurangabad.
Aggregate: 72.3%

SSC   March 2012
St. Xavier's High School, Aurangabad.
Aggregate: 87.8%

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES:

- **President** of **Electronics** Department in DIEMS for the academic year 2017-18
- Secured **First** prize along with a **"Sponsorship of €10000"** in **"!deathon 2018"** for the project **"Driving License Authentication with Smart Security"**
- **Head Coordinator** for **Quasars** 2018
  - ❖ A successful annual gathering where around 3000 people enjoyed to their fullest. The fest was highlighted with presence of Hon. Shri. Ujjwal Nikam and Hon. Shri. Rishi Bagla
- **Head Coordinator** for **Tech-Innova** 2018
  - ❖ A successfully coordinated event, where a sponsorship of more than Rs 2.5 Lakh was organized by students and was attended by more than 3000 students from all over Aurangabad.
- Key **Coordinator** for the **Campus Drives** organized by DIEMS
- Secured **First** prize in **State Day Event** in Quasars'17 [Technical Head/ Cinematography]
- Secured **First** prize in **Short Film Event** in Quasars'16 [Cinematography]
- Secured **First** prize in **PCB Designing Event** organized by DIEMS in 2015

PERSONAL DETAILS:

- **Date of Birth**   :   October 4, 1996
- **Languages Known** :   English, Hindi, Marathi and Telugu
- **Hobbies**   :   Listening to music, watching animes, Bike riding, reading books
- **Address**   :   House No. K-9/03, Milan Nagar, Gulmohar Colony, N5 CIDCO, Aurangabad, Maharashtra - 431003

I hereby declare that all the information mentioned above is true to the best of my knowledge and belief.

Date:
Place: Shivaji Jayaprakashrao Thattikota