Bhuvesh Kumar

PROFILE

A confident Engineer with analysis, managing, programing and testing skills. Focused individual with experience in developing Python based Automatic Test Setups, Web applications, Websites, Machine learning models. Django angular flask

EXPERIENCE

IT Support

CIGAM Global, Bangkok, Thailand (https://www.cigamglobal.com/) *(October 2019 –Feb 2020)*

- Search Engine Optimization (SEO) of the website.
- Content creation for posts.
- Maintaining website code, builds and deployment processes in Gitlab.

Development and Validation Engineer

Exicom Tele-systems, Gurgaon, India *(June 2016 – November 2019)*

Founded in 1994, Exicom Tele-systems is a company which operates in 3 key business areas around vertical markets of telecom, energy storage and green mobility.

- Developed a device, using raspberry pi, to upgrade software in controller unit of SMPS (Switch Mode Power Supply) which are deployed in telecom fields.
  The handy device can be carried by the customer service person and help them to upgrade the software.
  The purpose of the device is to:
  - *Eliminate requirement of laptop in field to upgrade software.*
  - *Making sure the correct upgrade of controller software and keeping record of the same.*
  - *To retrieve some data from controller in case controller is faulty.*
  - *Avoid upgrade if software is already up to date.*

- Developed a number of Automatic Test Setups (using Python language) for testing of various types of SMPS Controller Units.
  The purpose of software is to:
  - *Reduce overall testing time by automatic the whole testing process.*
  - *Provide operator with an interactive GUI to work with. Operator can select the tests which are to be performed and can generate a report after completion of the testing.*
  - *Continuously collect data to analyze root cause of test failures.*
  - *Reduce dependency on operate testing skills by automatic the whole testing process.*
  - *Keep integrity of testing data.*
  - *Provide simulator to simulate all the possible test cases.*

- Developed Raspberry Linux based network server to test SMPS controller network operations.

- Studied standards of Electrical Vehicle Charger (GB/T and CCS). Supported team in developing first Electrical Vehicle Charger of the company.

- Communicated with a lot of customers regarding their problems related to the Company Products. Provided them with useful information and few times visited field as well to analyze the problem in order to provide even better support

CONTACTS

Email: bhuveshshou@icloud.com

Phone: +65-90919488

Linkedin: Link

Currently residing in Singapore

SKILLS

Languages

English	Professional (IELTS 7.5)
Hindi	Native
Punjabi	Native

Computer Skills

- Microsoft Office
- GitLab
- SEO tools
- UI Prototyping
- Photoshop
- Linux
- Android Studio
- Github

Programming languages

- C language
- Java
- Python
- JavaScript
- HTML & CSS

PERSONAL DETAIL

Nationality	Indian
Date of Birth	04/06/1996

- Created a number of Presentations, Product Specifications, Product Manuals, videos etc. to release the product for customers. Also create content for Company website (https://www.exicom-ps.com/)

- Managed a small team of three engineers to test company products and to provide full report within the deadline.

- Designed UI of android applications for Electrical Vehicle Charger.

Diploma Engineer Trainee

CSIO – Central Scientific Instrument Organization *(Jan 2016 – June 2016)*

- Worked with Dr. Shahsi Poddar from CSIO and developed Obstacle avoiding Robot using micro controller.
- Developed Quad-copter with a team of four.

EDUCATION

Advanced Diploma in Mechatronics and Industrial Automation
CSIO (Central Scientific Instrument Organization) – ISTC, Chandigarh, India

(2012 – 2016)

Python for Data Science and Machine Learning Bootcamp
Successfully completed the course taught by Jose Portilla on Udemy.

(12/07/2019)

BSc. Computer Science
Coventry University

(Nov 2019 – Present)

Recent Projects

Real World Project at PSB Academy (Nov 2019 – Feb 2020)
Software Based Solution for EV Charger Manufacturers and Service Providers

- Proposed a fully developed CMS solution for EV (Electrical Vehicle) charger infrastructure.
- Parts of Solutions: CMS (Central Management System), Mobile application and V2G Technology

Visualized COVID-19 active cases in India from government website dataset. (July 2020)
Features of the software:

- Used python to scrape COVID-19 dataset from Indian government website.
- Used Python libraries like Pandas and Numpy to clean the data before using.
- Used Python libraries Matplotlib, Seaborn and Plotly to generate Choropleth map.
- Link to the implementation: **Link**

Predicting Housing Prices in Melbourne using Machine Learning (June 2020)
Features of the software:

- Used python libraries like Pandas, sklearn, matplotlib for Data Exploration and Data wrangling.
- Used Forest Regression Algorithm to predict the Target variable (Price of the house)
- Submitted the project on Kaggle competition and result is in top 14%.

100 days 100 coding challenges – Web application (July 2020)
Features of the software:

- Designed and developed a Website where users can subscribe can then will receive coding challenges for next 100 days.
- Aim is to improve the coding skills by continuous practice.
- Used HTML, CSS, Js front end, Python for backend and SQL for database.