

Lead Engineer Lead Engineer Lead Engineer - HCL Technologies Lead Software Engineer with 3 years and 8 months of experience in Software Development with Python. Experience in Django and Django REST web development framework. Good understanding of object oriented programming (OOP) concepts. Experience in Machine learning and Deep learning Experience with Numpy, Matplotlib, Pandas, scikit-learn, tensorflow, opencv, xlswriter, openpyxl, regex python libraries during development lifecycle Experience in Build Automation scripting Have sound knowledge of basics of Linux, Perforce and Git. Experience in creating and deploying Docker Containers Work Experience Lead Engineer HCL Technologies August 2018 to Present From August 2018) Project Title: AIoT Imaging Services Description: The AIoT Imaging Services is Avionics IOT functional service that is responsible for executing the imaging analytic services powered by AI and ML/DL based applications. Platform: Python Technologies: Django, Django REST, Docker, MySQL, Scikit-learn, Tensorflow, Opencv Operating System: Linux(Ubuntu) Role: Lead Engineer Contribution: Involved in requirements gathering for project. Worked on Rest Api for Image Analytics. Designed and configured database and back end applications Worked on web socket for live notification Worked on building the application on docker image using docker file Worked on various python modules/libraries as per needs scikit-learn, tensorflow, opencv. Python developer Idemia, Syscom Corporation Ltd May 2015 to August 2018 Have sound knowledge of basics of Linux, Python, Perforce and Git. Ported manual builds into the common build system to optimize build process across the teams. Worked on Django Framework to design and implementation of the in house website. Have worked on implementation of enhancement and change requests for build and release system. Sound grasp on Python and shell scripting. Worked on Python modules for Perforce and Git integration. Written a tool to verify coding guidelines for C and Java. Written scripts in python for the build automation and the automation of manual tasks Ability to develop automated scripts and coordinate with the software development team. Worked on Graphical user interfaces (GUI) for some tools using Tkinter and wxPython. Creating fully automated CI build and deployment infrastructure and processes for multiple projects. Worked on analysis of build artifacts in Jenkins and generating excel sheet using pandas.

Worked on customizing various python modules such as xlsxwriter, openpyxl, sphinx, regex, pandas, numpy as per requirements. Design and implementation of new change requests as per inputs from product team. Worked on enhancing current build system to work in multithreaded environment. Six months industrial training in embedded system Trained on C, C++, Linux, Microcontroller Technical purview Primary Language: Python, Shell scripting. Secondary Language: C, CSS, HTML Operating System: Windows, Linux Version control system: Perforce, GIT Editors: Notepad++, Eclipse, Pycharm, Pyscripter Electronics subject: Digital Electronics, Analog Electronics, Embedded System EDA Tools: Xilinx, Keil Education B.Tech Siliguri Institute Of Technology - Siliguri, WEST BENGAL, IN 2012 to August 2019 Certificate National Institute of Technology - Jamshedpur, JHARKHAND, IN 2014 B. Tech Chas College Chas - Ranchi, JHARKHAND, IN M. Tech in Design and Implementation of High Speed and Area Efficient College Toper

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