

AYUSH KURLEKAR

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Professional Summary

Self-directed and motivated **Programmer** experienced working effectively in dynamic environments. Fluent in **Python and Data Science** including industrial experience of **Machine Learning**. Skilled in making application flow and a complete life cycle for development purposes. Focused on usability and performance improvements with the help of the latest ideas and innovation implementation.

EXPERIENCE : > 3 Years as Software Programmer (Python)

Skills

Automation with Python, Selenium
Linux Based System Automation
Data Mining - **BeautifulSoup, Scrapy**
Data science - **Pandas, Numpy**
Data visualization - **matplotlib, Seaborn**
Machine Learning - **Sklearn**
NLP Text classification

REST and Web technologies - **Flask, Django Full stack**
Front-end technologies - **HTML, CSS, JQuery, Javascript Basics**
Database- **Sqlite and MongoDB**
Server handling - **GCP, Nginx, Apache**
Network Security - **DNS, BIND**
Proxy automation - **Squid, Ldap Auth**

Webpage

<https://ays-softwares.github.io/>

Work History

Software Engineer

Dima Business Solutions Pvt. Ltd.- Coimbatore, Tamil Nadu

06/2019 to
Current

- Working in **Machine Learning and Automation** based **Network Security Software** as **software architect** as well as programmer.
- Researching, designing and implementing scalable applications for **Data visualization, Natural Language processing** for industrial purpose.
- **Configured, installed** and **tuned** apps on the servers like **GCP and NGINX and Apache**

Technical Trainer

Nowa AI Training Institute- Coimbatore, Tamil Nadu

12/2019 to
Current

- **Trainer for Corporate and Students** for Python and Data Science

- **Developing and recording videos for** use in later courses or by remote learners.
- **Gathering and organizing supplementary material to** support structured lessons.
- Conducting physical lectures weekly, assignment building, project building and Doubt solving.

Projects

- **Website Content Classification with Machine learning techniques**

Content wise classification of the website with the help of text classification ml techniques using sklearn and NLP

- **Malicious, Phishing Domain and URL detection with Machine Learning**

Feature Engineering and Machine learning model to detect the malicious domains and URLs to increase the efficiency of DNS firewall and Squid proxy

- **Data Mining for Intelligence threat data feed to DNS firewall**

Malicious domains and black hole IPs data mining from various opensource and authorized platforms. Automation in the process using selenium and scheduler in Linux and python.

- **AI network security and firewall automation**

Automation in Network security, firewall, DNS Named on CENT OS with python and Linux bash scripting. Handling Software Architecture and development.

- **IT Infrastructure Automation**

Infrastructure and network automation for whole industrial premises

- **Rest Api and web applications in Flask/Django**

Full stack development in python frameworks

Education

Software Programming

Open source Community And e-courses- Online Education

SSC (10th Grade)

06/2011

MH-SSC- Maharashtra

- Board Received 93.45%

HSC (10+2 Grade):

05/2013

MH-HSC- Maharashtra

- Board Received 70.18%