# AAYUSH VASHISTHA

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Skilled python backend developer with expertise in designing and developing robust, scalable, and efficient web applications. Proficient in Django framework, delivering high-quality solutions while ensuring optimal performance and maintainability.

## Skills

Python, Django, Jinja, MongoDB, HTML/CSS, SQL, Jupyter Notebook, Linux, pyspark, Docker, Git, Jira, Jenkins, RabbitMQ, CI/CD, Kafka, Agile

## Experience

JAN 2021 – PRESENT
### Software Engineer / DLT LABS, TORONTO, ONTARIO

- Developed and tested solutions in alignment with project requirements in Python
- Tested and resolved problems with software functionality and recommended improvements to applications
- Programmed applications and tools using Python with goals of code stability and reuse
- Skilled in developing web-services with the use of Django REST
- Analyzed and debugged new software and features to meet client expectations
- Performed code review for peers and provided recommendations for improvements
- Experience with version control such as Git and bitbucket
- Analyzed code and corrected errors to optimize output
- Participated in sprint planning sessions, client meetings and project retrospectives
- Coordinated testing and validation procedures through software development lifecycle
- Used Linux to access the data from server side and execute some python scripts for debugging
- Introduced agile methodologies and best practices to division to enhance product development

## Software Engineer / TATA CONSULTANCY SERVICES, INDIA

- Knowledge in providing services with change management and release management
- Familiarity with enterprise business management software (SAP, HANA, RM App)
- Strong knowledge of release management process flows and transport management
- Knowledge in user management like user creation, deletion of user, users' locks
- Experience in analyzing and finding solutions of ABAP dumps and system logs
- Experience in starting, stopping and upgrading SAP Systems using Linux commands
- Performed Add-on upgrades, Support pack implementation, Kernel upgrade, SAP note implementation activities

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# Education

JAN 2020 – DEC 2020
## Graduate Certificate in Big Data Solutions Architecture (Co-op), /CONESTOGA COLLEGE, WATERLOO, ONTARIO, CANADA

- Completed a project on Machine Learning, collaborative team project to analyze the real estate dataset using Python.
- Project on spam text message detection using Natural Language Processing (NLP) with nltk and scikit-learn.
  GitHub link: https://github.com/aayushvashistha
- Completed various assignments in relational database design using Structured Query Language (SQL), applied Web Analytics and Business Intelligence tools to solve business problems, learnt about NoSQL implementation, Hadoop and software development process using Agile and Waterfall models
- Knowledge in Apache Kafka, ETL and Google Cloud Platform to execute big data queries

JUL 2011 – JUL 2015
## Bachelor of Technology in Information technology, / UTTAR PRADESH TECHNICAL UNIVERSITY, INDIA

- Completed a project on Bus reservation system which helped to book tickets and check fare for different routes online using Java
- Learnt about operating Systems, data structures, algorithms, computer networks, graph theory and technologies like MySQL, Java, HTML, CSS