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| **Data Engineer**  AADARSHA CHAPAGAIN | Phone: 3659948643  Email: aadarshachapagain@gmail.com  LinkedIn: <https://www.linkedin.com/in/aadarsha-chapagain-759532113/>  Address: L6Y 5E9, Brampton ON |

# Work Experience

## Software Engineer

**Accessible ICT**   *January 2021 – August 2021*

* Analyzed user requirements and created technical specifications with Miro, Jira and Adobe.
* Wrote and test code, refined and rewrote it as necessary and communicate with any programmers involved in the project, (Unit testing, API testing, performance testing)
* Maintained systems and corrected software defects by monitoring error logs and resource utilization metrics such CPU, memory, and disk usage
* Built, deployed, and maintained production infrastructure and services and staging environments with PM2 for NodeJS, git, Webhooks, AWS EC2, LightSail, RDS, AWS SES, AWS S3, Google Maps, Docker
* Consulted clients and colleagues concerning the maintenance and performance of software systems, with a view to writing or modifying current operating systems with Microsoft Teams. Google Meet, Skype for Business
* Investigated new technologies and continually updated technical knowledge and skills by attending in-house and external courses, reading documentation, manuals, guidelines and accessing new applications
* Deployed software updates, fixes and patches as per need of the system
* Wrote systems to control the scheduling of jobs or to control the access allowed to users or remote systems with cron Jobs and Apache Air flow
* Monitoring, troubleshooting and capacity planning of cloud platforms
* Implemented automation tools and frameworks (CI/CD pipelines)
* Present the deliverables and achieved milestones to the clients and other concerned parties with PowerPoint Presentations and live Demos

## Data Engineer | Full Stack Developer

**Code For Core Innovations** *December 2018 – January 2021*

* Analyzed and organized and cleansed raw data obtained from external source (Excel)
* Built Data models and Pipelines and API to communicate with other web applications
* Conducted data analysis and reports on result with python, Jupyter Notebook, Power BI Tableau and JavaScript frameworks Echarts , chart.js
* Performed Data cleansing and Validation with python and SQL
* Collaborated with Data Scientists and statistician on several projects
* Built Web Applications with MVC frameworks Laravel(php), Django(python) and flask(python)
* Worked with CSS, HTML, and JavaScript, along with jQuery, bootstrap to craft client-facing platforms
* Managed databases SQL, NO SQL, and servers with aapanel for Django and Flask, PhpMyAdmin, Apache, XAMP, MAMP, WAMP, LAMP
* Coding for functionality across multiple languages and platforms Laravel with PHP, Python with Flask and Django
* Communicated with specialized developers and the graphic design team to deliver the best possible product with Slack, Trello, Jira, Microsoft Teams, Skype, Telegram
* Kept up with emerging technology that may serve the business’ needs
* Prototyped minimal viable products for communication with company stakeholders
* Meeting both technical and consumer needs.
* Designed databases and developed APIs after ER modeling and use Case diagrams with draw.io, Postman and thunder client.
* Assessed the efficiency and speed of current applications and error log analysis
* Managed production and staging environment with Digital Ocean, AWS EC2, RDS, S3 GitHub, GitLab, Nginx
* Quality Testing, API testing with Postman and Unit Testing

## Web Developer

**W3 Developers**  *October 2016 – November 2018*

* Assisted the web development team with all aspects of website and application design.
* Assisted with the testing and maintenance of backend and front-end applications built with php Laravel, HTML, CSS, JavaScript, Bootstrap, jQuery and vuejs.
* Brainstorming new tech applications such as digital storage and mobile technology.
* Collaborated with developers to implement new web features.
* Kept up to date with the latest technology and programming trends.
* Converted video, audio, written, and graphic components into compatible formats for the web.
* Used user feedback to identify and correct problems with a client's website.

# Skills

* Language: C, Python, PHP, JavaScript,
* Frameworks: Django, Laravel, Node, Express, PM2
* Cloud: AWS EC2, RDS, EBS
* Database: SQL, Mongo
* Systems: Windows (XP/2000/2003, 7, 8, 8.1, 10), UNIX, Linux, Macintosh

# Education

* Post Graduate Big Data Analytics Lambton College Mississauga.

(2021-2023)

* Bachelor’s in computer science & Information Technology, Tribhuvan University.

(2014-2018)

Comments From Team Member:

Piyush: “*You can add the few projects and accomplishment you have achieved to show more credibility to your resume.”*

Rishi: “*Since you are applying for data engineer intern position, you can add some essential skill that we have learned during our Post graduate program. I suggest you add language such as Scala, java, spark, Hadoop, HDFS, Aws EMR Tableau, Microsoft PowerBI, to show some more relevant skills that you have“*