HARSHIL KETAN PATEL

📞 +1 (705)-977-6064   ✉ imharshil03@gmail.com   📍 Peterborough, ON Canada   in harshilpatel99   🌐 Portfolio

Work Experience _____

Haqdarshak Empowerment Solutions Pvt. Ltd., India   *May 2021 – August 2021*
Backend Developer (Python)
- Delivered various projects for the company involving backend software development and maintaining pre-developed server-based software systems.
- Being a product-based company, I was involved in couple off indigenous projects that now helps the ground team to work at the maximum efficiency.

RecruitNet, Hong Kong   *October 2020 – March 2021*
Software Engineer
- Developed web scrappers to collect data from various Applicant Tracking System (ATS) websites that help companies to expand their job listing database.
- Provided data cleaning and monitoring by developing indigenous autonomous bots with selenium and python.

Infobizzs Services Pvt. Ltd., India   *March 2019 – July 2019*
Software Developer Intern
- Indulged in all phases of the Software Development life cycle following agile methodology to improve efficiency and collaboration.
- Contributed to the development of a video streaming mobile application.
- Design and developed a cross platform application for ecommerce functionality.

Education _____

Trent University, Peterborough, Canada   *May 2021 – August 2022*
Master of Science in Big Data Analytics, Cumulative GPA: 90.63 / 100.00

G H Patel College of Engineering & Technology, GTU, India   *July 2016 – August 2020*
Bachelor of Engineering in Computer Engineering, Cumulative GPA: 8.81 / 10.0

Gujarat Secondary and Higher Secondary Education Board   *March 2016*
Class XII, 94.55 PR

Gujarat Secondary Education Board   *March 2014*
Class X, 98.76 PR

Projects _____

Image Super-Resolution ✎   *Python | Convolution Neural Network*
- A module trained to enhance image quality with the help of CNN's and autoencoders. I got validation accuracy of around 93% with a validation loss of 0.0021.

AI in Retail Market ✎   *Python | Django | Machine Learning | Data Analysis*
- Project is highly focused on making things easy, reliable, and impeccable for both retail marketers and the customers. Customer's movement is analyzed to gain insight into their habits and buying behavior, which will be used to optimize the design of the store and the placement of the product. The indoor navigation system will also help customer to track down their product inside the store easily.

Language Translation Website ✎   *Python | Django | Neural Networks*
- A Neural Machine Translation model that converts English sentences to Marathi sentences. The model has been trained over 38,000 sentences and has an accuracy of 90%. I have made it fully functioning by deploying it to the website and have hosted it on herokuapp.

Face Detection and Recognition ✎ *Python | OpenCV*
- An OpenCV module which detects a person's face and has an ability to recognize a known person. Also alerts the system if an unknown person is been detected.

Scanit! ✎ *Android Mobile Application*
- Scanit is a mobile application which is used to extract text from an image file which is then interpreted and can be manipulated as per users need. It's also made to perform mathematical operations on a scanned equation.

Skills

Programming -	Python, R, JavaScript, Java, Node.js, HTML, CSS, PHP, C++, JSON
Databases -	SQL, MongoDB, PostgreSQL, MySQL
Frameworks, Libraries -	Django, Flask, React Native, TensorFlow, Machine Learning, Deep Learning, NLP, Selenium, Scrapy, NumPy, Pandas, scikit-learn, Git
Miscellaneous -	Full Stack Development, Mobile Application Development, Graphic Designing, Web Scrapping
OS -	Linux, Windows
Soft Skills -	Agile, Teamwork, Critical Thinking, Customer Service, Proactive

Achievements

- Currently I am a **4-Star Python Coder** at Hacker Rank.
- I have served as a **Design Lead and Logistic Manager at Computer Society of India (CSI),** GCET Student Branch for academic year 2018-2019.
- Successful freelancer on **Upwork.** ✎