

Tirth Patel

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EDUCATION

- Fairleigh Dickinson University | **Master of Science in Computer Science** May 2023
- Related Coursework: Big Data, Computer Architecture, Management Information System
- Gujarat Technological University | **Bachelor of Engineering in Computer Engineering** May 2021
- Related coursework: Data Structures, Database Management Systems, Computer Networks, Software Engineering, Object-Oriented Programming, Artificial Intelligence, Web Technologies, Data Mining & Business Intelligence

EXPERIENCE

- Co-Founder (Start-Up)** Feb. 2021 – Dec. 2021
[SSV Infotech \(ssvinfotech.in\)](http://ssvinfotech.in) | Surat, India
- Developed and implemented a business plan and strategy for the company
 - Contribution to the website and mobile application prototyping
 - Building strategic marketing and business development plans
- Software Developer Intern** Feb. 2020 - Aug. 2020
Narola Infotech Solutions LLP | Surat, India
- Assigned marketing and e-commerce team, and participated in design and improved algorithms to match users to products, boosting software sales by 19%
 - Partnered with 2 interns to improve ReactJS app modules, code reviews with team and gained feedback from senior engineers in writing scalable code.
 - Tested and finetuned applications, reducing the instance of bugs by 9%
 - Ensured all technical issues were ticketed, responding to tier 1 tickets and escalating issues at tier 2

SKILLS

- Programming Languages:** Python, C++, ASP.NET, C, Java, R
- Web Technologies:** HTML5, CSS, JavaScript, JSP, Node.js, ReactJS, Redux
- Databases:** MySQL Workbench, Oracle, SQL, ETL processes, PostgreSQL
- Tools/Frameworks:** Django, Android Studio, Visual Studio, Hadoop, MongoDB, Docker, Git, AWS, Tableau
- Operating Systems:** Windows, Linux

PROJECTS ([GitHub 3112](#))

- Amazon Web 3.0 Clone (Solidity, ReactJS)** Jan. 2022 – May 2022
- Implemented clone of amazon store with web3 and smart contract. Improved SEO for visibility and quality by 20%, and store inventory using latest react framework and modules. Connected crypto wallets as an option to buy items.
- Data Cleaning and Profiling on 311 Service Requests data (NYC OpenData)** Oct. 2021 - Dec2021
- Python Pandas, PySpark and OpenClean libraries were used to perform cleaning operations on the large-scale dataset consisting of 27 million rows
- Research Member at CKPCET (GTU)** Sept. 2020 - May 2021
- Designed a system that can measure profit/loss in IT sector due to the pandemic. Developed 4 machine learning algorithms into helps classifying data of performance, managerial responsiveness and loss or profit compared to previous year(using SQL + PowerBI). The web portal was created using PowerBI for non-technical user
- E- commerce store (Python, Django, JavaScript, jQuery, SQLite)** Sept. 2020
- Developed project to Recommend previously purchased product you buy previously (using REST APIs) and also to give flexibility to the customer to check out products. Payment integration (using Stripe) and Available guest check-out

CERTIFICATION

- Tableau for Data Scientist, LinkedIn Feb. 2022
- Python For Data Science, Udemy Sept. 2022
- React with Redux, Udemy Dec 2021