Jinal Patel

Midland, MI 48640

pateljinal94426@gmail.com | (989) 294-8613

linkedin.com/in/patel-jinal-700b4725b

EDUCATION

Northwood University Midland, MI

Master of Science in Business Analytics May 2023 – May 2024

Gujarat Technological University Ahmedabad, India

BE, Information Technology (GPA: 3.5/4) Aug 2014 – May 2018

WORK EXPERIENCE

Velox Group Visnagar, India

Software Developer Jul 2018 – May 2023

* Developed and maintained web and mobile applications using a diverse set of programming languages, frameworks, and technologies like C#, JavaScript, ASP.NET, Flutter, SQL Server.
* Proficiently managed and maintained databases ensuring data integrity, optimization, and efficient retrieval for web and mobile applications.

Bhaskaracharya Institute for Space Applications and Geoinformatics Gandhinagar, India

Machine Learning Research Intern Jan 2018 – May 2018

* Implemented an anomaly-based intrusion detection system using techniques such as Isolation Forest and One-Class SVM, bolstering network security by identifying unusual patterns and potential threats.
* Proficiently cleaned and structured raw network data, optimizing it for machine learning. Employed feature extraction and selection methods like Principal Component Analysis (PCA) and created labelled datasets for model training.
* Enhanced system effectiveness by fine-tuning algorithms like Random Forest and Gradient Boosting, reducing false positives and enhancing threat detection capabilities.

Electro web Solution for Bug Tracking System Gandhinagar, India

ASP.NET, C#, SQL server Intern Sep 2017 – May 2018

* ASP.NET framework based on coding techniques such as web forms, application form. It is software application that can be help manage and resolve bugs or software development or testing.
* Regarding SQL Server, I have an experience with this relational database management system, stored procedures, views, functions of database, the composition of SQL queries, and the administration of databases.

Technical Skills:

* Data cleaning, Feature extraction, Microsoft Azure Machine Learning, Minitab, SAS, ASP.NET, C# and JavaScript, Python. SQL Server, Data Visualization, Power BI.
* Certificates: SAS programming 1, Introduction of ANOVA, Regression, and Logistics Regression, SAS visual analytics 1 for SAS Viya: Basic (8.5), Introduction of R, Interface of linear regression of R, Time series in R.
* Soft Skills: Effective Problem Solving, Communication, Teamwork, Adaptability, Time Management, Attention to details, Critical Thinking.