

Priyal Patel

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PROFILE OF SKILLS

- 3 years of professional experience in developing and maintaining scalable multilingual websites for multiple clients from UK, India, Philippines and Canada
- Increased website traffic by 55% by migrating to Sitecore 10
- Ability to communicate and present ideas clearly, listen and work with clients, colleagues and managers
- Proficient in advance algorithms and logical reasoning

TECHNICAL SKILLS

- Programming Languages: C, C++, C#, Java, Python, R, JavaScript
- Database: MySQL, MongoDB
- Web Development: HTML, CSS, JS, jQuery, Bootstrap, React, ASP.net, MVC, Flask, Spring Boot
- Application Development: Flutter (Dart), Android Studio (Java)
- Tools/Technologies: Sitecore, SOLR, Git, Postman, OpenCV, PyCharm, Android Studio, Eclipse, IntelliJ, Visual Studio, SCLA, SSMS, MS PowerApps, Google Colab
- Cloud Technologies: Microsoft Azure
- Operating Systems: Unix (Ubuntu, Debian)

EDUCATION

Master of Applied Computing

University of Windsor, Windsor, ON

Jan 2024 - Present

- GPA: 8.83

Bachelor of Engineering in Computer Engineering

L.D. College of Engineering (GTU), Ahmedabad, India

Aug 2016 - Aug 2020

- CGPA: 8.92

PROFESSIONAL EXPERIENCE

Packaged App Development Analyst

Accenture, Ahmedabad, India

Oct 2020 - Nov 2023

➤ Web Development

- Skills: ASP.NET, MVC, HTML, CSS, JS, Solr, Sitecore, SQL
- Collaborated on **full-stack** development on Client based **multilingual website** for petroleum products
- Added functionalities for backend development of APIs, Migration of static PDF data to Dynamic page, Algorithm implementation for **indexing, searching** and **filtering** of data and Frontend development of Product and Resource pages
- **Deployed** applications on **Windows** and **Linux** based **servers** using both automated and manual procedures
- Facilitated **client meetings**, providing key suggestions and development updates to drive project progress
- Collaborated in **Agile** teams, participating in sprints, stand-ups, and retrospectives to ensure timely project delivery

➤ Automation Development

- Skills: Python, Sitecore CLI, React JS (gulp), Unix
- Implemented Automation functionalities using Sitecore CLI for Sitecore **data manipulation**, gulp for **minifications** and python scripts for deployment
- Used Selenium for **scrapping** website data

➤ Service Management

- Skills: ServiceNow, Sitecore, ASP.NET, SCLA, Office 365, Microsoft Power Platform
- Authored content for 4 multilingual websites
- Resolved **tickets** and **enhancement requests** adhering to Service Level Agreement (SLA) utilizing ServiceNow

- Crafted **MSR** and **log reports** and monitored logs using SCLA to ensure accurate tracking and reporting
- Participated in the development of **Project Proposals** and the preparation of **cost estimation reports**
- Enhanced website security by conducting **SAST** and **DAST** scans, analyzing reports, collaborating with the infrastructure team, and implementing best practices in coding to **mitigate risks**

ACADEMIC PROJECTS

Bird Migration

Jan 2024 - Apr 2024

University of Windsor, Windsor, ON

- Developed a model utilizing data available on NASA Power and GBIF (Global Biodiversity Information Facility) for **analysis of temperature** and bird **migration pattern**
- Analyzed **time stamped** data with **Geo-Json** format to visualize on maps using **leaflet** library
- Trained **regression model** to predict exact location of birds
- GitHub: <https://github.com/patel-priyal-m/BirdMigration>

Electralytics (Find best deal on e-commerce platforms)

Jan 2024 - Apr 2024

University of Windsor, Windsor, ON

- Tech-stack: Java, Spring-boot, Selenium, JSoup
- Create a **web scraper** to fetch data from major e-commerce platforms
- Demonstrated usage of various algorithms like **HashMap**, **LinkedList**, **Tree Map**, **Red-Black Tree** for creating functionalities like **Page Ranking**, **Word Completion**, **Inverted Indexing**, **Pattern Matching**, **Spell checker** etc.
- GitHub: <https://github.com/patel-priyal-m/Electralytics/tree/main>

Deep Surveillance System (Violence Detection System)

Mar 2020 - Aug 2020

L.D. College of Engineering, Ahmedabad, India

- Tech-stack: Deep Learning, LSTM, Android Studio, AWS, Redis Queue
- Empowered users to upload videos, potentially containing violence, via a mobile application to a central storage system on AWS
- Leveraged **Deep Learning** and **LSTM** to detect instances of violence in uploaded videos
- Facilitated transfer of these videos to authoritative organizations through a web application, if violence is detected using AWS S3 to web portal developed using react
- Secured **1st position** in college wide project competition
- Demo Link: <https://www.youtube.com/watch?v=pY210luZtMQ>

CERTIFICATES & TECHNICAL TRAINING

- PL-900: Microsoft Power Platform
- Diploma in Multilingual Computer Programming (C-DAC)
- Sitecore 10
- ITIL trained

ACHIEVEMENTS

- Secured 1st price in college-wide project competition Kaizen
- Competed in hackathons: WinHacks, GDSC Hacks
- Presented project in demo day at University of Windsor to various industry representatives and researchers

EXTRA CURRICULAR ACTIVITIES

- Volunteered for Indian National Service Scheme
- Played in Softball and Throwball tournaments of the School Games Federation of India at National level
- Volunteered to manage Fresher's Orientation Program and also served as an event Photographer
- Won price at cultural festival for Garba event