

Meshwa Patel

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Summary

Results-driven **Software Developer** with expertise in **full-stack development, automation testing, cloud computing, and machine learning**. Proficient in **Python, Java, PHP, JavaScript, and C++**, with experience in **Selenium WebDriver, API testing, FastAPI, Flask, and Blockchain**. Adept at **building scalable applications, implementing CI/CD pipelines, and optimizing system performance**. Strong analytical and problem-solving skills, with a passion for **AI, NLP, and cloud-based solutions**.

Education

Master of Science, Computer Science – Laurentian University, Greater Sudbury, ON (05/2022)

Certifications

- AWS Cloud Practitioner Essentials (AWS)
- AWS Essential Training for Developers (LinkedIn)
- Career Essentials in Generative AI (Microsoft and LinkedIn)
- Google Data Analytics Professional Certificate (Coursera)
- Software Testing and Automation (University of Minnesota, Coursera)
- Networking Fundamentals (LinkedIn)
- Excel and ChatGPT: Data Analysis Power Tip (LinkedIn)

Technical Skills

- **Programming Languages:** Python, Java, PHP, C++, JavaScript, SQL, Bash, Shell Scripting
- **Cloud & DevOps:** AWS (EC2, S3, IAM, Lambda, CloudFormation, CloudWatch), Docker, Kubernetes, Jenkins
- **Networking & Security:** TCP/IP, VPNs, Firewalls, IAM, Encryption, Load Balancing, SSL/TLS
- **Databases:** MySQL, PostgreSQL, SQL Server, MongoDB, Redis
- **Testing & Automation:** Selenium, Cypress, JUnit, TestNG, Postman, PyTest, Rest-Assured
- **CI/CD & Version Control:** Git, GitHub, GitLab, Bitbucket
- **Other Tools & Technologies:** FastAPI, Flask, React, Angular, Node.js, PowerShell, Ansible, ELK Stack, Splunk

Work Experience

D.E. Systems – Mississauga, ON

Technical Services Representative (08/2024 – Present)

- Diagnosed and resolved **software, hardware, and networking issues** within an average of 15–30 minutes per case using **Wireshark, Splunk, and ELK Stack**.
- Automated repetitive support tasks with **Python scripting, PowerShell, and Bash**, reducing ticket resolution time by 30%.
- Delivered training sessions on **AWS, DevOps, and IT security best practices**, improving user proficiency and reducing repeat support requests by 30%.
- Provided Tier-1 & Tier-2 technical support to 100+ clients, resolving 90% of issues on the first attempt.

Internships

Techno Guide Info Soft – Anand, Gujarat, India

Web Developer Intern (05/2018 – 08/2019)

- Developed and optimized **full-stack web applications** using **HTML, PHP, JavaScript, CSS, and jQuery**.
- Integrated **RESTful APIs** with backend services using **Postman and PHP**.

- Managed and optimized **MySQL databases** for high-performance queries.
- Utilized **Git and Jenkins** for version control and basic CI/CD pipeline automation.

Tech Elecon, Technological Simplified – Anand, Gujarat, India

Software Developer Intern (05/2017 – 06/2018)

- Developed **multi-platform applications** using **Java, Python, and C++**, ensuring modular and reusable code.
- Built and deployed **RESTful APIs** using **Flask and PHP**, integrating backend services efficiently.
- Conducted **unit testing and API testing** with **JUnit and Selenium** to ensure application stability.
- Optimized application performance and security using **SQL database indexing, caching, and role-based authentication**.
- Utilized **Git and SVN** for version control, collaborating on team-based software projects.

Projects

AI-Powered Fake Job Verification System (Ongoing Project)

- Developed a fraud detection system using **Python, NLP, FastAPI, and Blockchain** to identify fake job postings.
- Built and trained **machine learning models** to analyze job descriptions and flag inconsistencies with 85%+ accuracy.
- Implemented **end-to-end API integrations** for real-time job verification and testing.
- Designed a **prototype web interface** using **Flask** for interactive user access and validation results.
- Conducted multiple tests with sample job postings and continuously improved accuracy through iterative refinements.

Banking Application Testing Process (2023)

- Developed an automation testing framework using **Selenium WebDriver, Java, TestNG, and Cucumber**.
- Created detailed test plans and executed **API testing** with **Postman** and **Rest-Assured**.
- Integrated the testing framework with **Jenkins CI/CD** for continuous integration.

Twitter Sentiment Analysis (2022)

- Implemented text preprocessing and machine learning techniques (**Naïve Bayes, SVM, Random Forest**) to classify tweets.
- Generated **sentiment analysis** reports and **visualizations** using word clouds.

E-commerce Website for Handmade Items (2021)

- Designed a web-based marketplace using **PHP, HTML, CSS, JavaScript, and MySQL**.
- Implemented user authentication, product management, checkout system, and payment gateway integration using **Stripe**.