

# Pruthvi Patel

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## OBJECTIVE

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Enthusiastic and skilled IT professional with expertise in software development, web development, database management, DevOps, and cloud infrastructure. Adept at building scalable solutions implementing various tech stacks in fast-paced environments, committed to innovation, teamwork, and continuous learning in dynamic, growth-focused environments.

## SKILLS

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- **Programming Languages & Technologies:** Python, C, C++, Java, JavaScript, Bash, PowerShell, HTML, CSS, Unix/Linux
- **Cloud & DevOps:** Docker, CI/CD Pipelines
- **Azure:** DevOps, App Services, Logic Apps, Monitor, CLI
- **Automation:** Ansible, Terraform, YAML, GitHub Actions+++
- **Web Development & Frameworks:** Node.js, Express.js, React, Next.js, Bootstrap
- **Database:** MSSQL, Oracle SQL, PostgreSQL, MongoDB
- **Version Control:** Git, GitHub, Azure DevOps Repo
- **Collaborative Tools:** MS Office365, Power BI, Azure DevOps Board, ITIL Practices, JIRA, SharePoint

## WORK EXPERIENCE

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### Database Administrator Co-op

*Ministry of Public Business Service Delivery and Procurement (MPBSDP), Toronto*

*May 2024 – December 2024*

- Created and managed 100+ Incident tickets for failed backups using eSMT, a software for creating Change Requests (CRQs), Incident Tickets, and Work Orders.
- Reduced Veritas NetBackup costs through optimization and assisting in decommissioning underutilized and duplicate resources.
- Played a key role in SQL Server upgrades (2014-2019) and Exadata patching, ensuring seamless database operations.
- Improved backup success rates by great % through monitoring Dell Networker reports and troubleshooting backup issues while implementing preventive measures.
- Performed server reboots in Veritas NetBackup, ensuring minimal downtime and operational continuity.
- Assisted in migrating backup workloads to a new BaaS solution, enhancing efficiency and reliability.
- Gained proficiency in advanced technologies like Oracle Golden Gate, Data Guard, RAC, and ASM, directly contributing to operational excellence.

### Automation Developer Co-op

*Ministry of Public Business Service Delivery and Procurement (MPBSDP), Toronto*

*September 2024 – December 2024*

- Automated multiple processes using PowerShell, including identifying Traffic Managers in PROD and classifying Virtual Machines (VDI/non-VDI), saving 7+ hours of manual work.
- Resolved break/fix tickets in the DEV and IST environment, improving system uptime and reliability.
- Led a large-scale infrastructure upgrade by enforcing the minimum version to TLS 1.2 on 2400+ storage accounts to eliminate security vulnerabilities.
- Eliminated WireShark vulnerabilities detected on Azure Virtual Machines by coordinating with clients to implement technical fixes.
- Supported FinOps by deallocating unused VMs, resulting in cost savings.
- Managed VM inventory and troubleshooting for the Snow Agent project, enhancing reporting accuracy.
- Authored troubleshooting guides and mentored peers on PowerShell scripting, improving team productivity.

## PROJECTS

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### CI/CD for Node.js App | Docker, Azure DevOps, Azure App Services [\[ViewCode\]](#) [\[ViewWebsite\]](#)

- Built a CI/CD pipeline using Azure DevOps to automate Dockerized Node.js app deployment to Azure App Services.
- Implemented Infrastructure as Code (IaC) with YAML pipelines and Docker for automated deployment.
- Secured Azure resources using Managed Identity, ensuring compliance and access control.
- Integrated CI/CD practices, optimizing the build, test, and deployment lifecycle.
- Set up a custom Azure DevOps agent on Azure VM to enhance pipeline performance and resolve issues.

**Lego-Collection-Management-Web-Application | Node.js, Express.js, MongoDB, PostgreSQL, Tailwind CSS, AJAX**

[\[ViewCode\]](#)

- Engineered a full-stack web application for managing Lego collections, integrating comprehensive backend functionalities with a responsive frontend design. This involved intricate database design, user authentication, and dynamic content rendering.
- The application streamlined the collection management process, improving user experience through efficient data management and a polished user interface.
- Demonstrated expertise in developing scalable and maintainable web applications that enhance user interaction and data handling.

**Mail-Tracker | HTML, JavaScript, CSS [\[ViewCode\]](#)**

- Developed "Mail Tracker," a Chrome extension designed to effortlessly uncover and display emails from any webpage.
- Addressed the challenge of locating contact details buried in lengthy websites, transforming a tedious search into a straightforward, efficient process significantly boosting productivity for users.
- The extension's intuitive design and efficient data handling greatly improved user interaction with websites, showcasing the ability to deliver high-quality, user-centric web solutions.

**SwiftScribe | AI-driven Web Application [\[ViewCode\]](#)**

- Developed an AI-driven web app using LLM APIs to process and analyze data, enabling advanced functionality and automation for user tasks.
- Implemented machine learning models to provide intelligent responses and perform user-driven actions, optimizing performance through backend systems.

**VOLUNTEER EXPERIENCE**

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**PEER MENTOR** **Seneca College, 2023 – 2024**

- Enhanced leadership and communication skills through mentoring and inclusive teamwork.
- Boosted student success and community satisfaction by supporting and fostering a positive environment.

**MENTOR** **HackThe6ix, July 2024**

- Provided technical guidance to students, helping troubleshoot and solve complex project challenges.

**EDUCATION**

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**Computer Programming and Analysis** **2022-2025**

Seneca College, Toronto

- CGPA: 3.9/4.0 with 4/4 GPA [President’s Honor List]