Pruthvi Patel

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OBJECTIVE

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

- **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

Database Administrator Co-op
Ministry of Public Business Service Delivery and Procurement (MPBSDP), Toronto   *May 2024 - Present*

- 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 - Present*

- Developed a **PowerShell** script using **Azure Resource Graph** to automate the process of identifying whether a Traffic Manager belonged to a resource group in a PROD environment, reducing manual effort by 5 hours.
- Assisted in automating the identification of **Virtual Machines (VMs)** as **VDI** or **non-VDI** by writing a **PowerShell** script that analyzed the Operating System used, reducing manual data entry by 2 hours.
- Assisted the **Operations Engineering** Team in resolving break/fix tickets in the DEV environment, addressing **backup** and **patching** issues, which enhanced system uptime and reliability.
- Actively involved in the **Snow Agent project**, managing inventory tracking, and reporting on **Virtual Machines (VMs)**, **collaborating** with vendors, and providing **troubleshooting support** for the agent.
- Provided **technical advice** on **PowerShell scripting** for automating repetitive tasks, boosting team productivity, and enabling more efficient project delivery.

PROJECTS

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

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

Computer Programming and Analysis   **2022-2025**
Seneca College, Toronto

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