

Harshil Patel

Software Developer | Cloud Computing Enthusiastic

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SUMMARY

Highly skilled full-stack developer with a robust foundation in computer science and hands-on experience in cloud computing and software development. Proficient in utilizing Azure and AWS for developing scalable solutions, with a proven track record in reducing bug resolution time and enhancing system performance. **Certified Microsoft Azure Developer (AZ204)** with expertise in C#, Python, and JavaScript, complemented by practical experience in ASP.NET, database management, and creating intuitive user interfaces.

WORK EXPERIENCE

Software Developer | HealthCare of Ontario Pension Plan (HOOPP)

September 2023 – April 2024

- Optimized an email notification system by migrating from Infrastructure as a Service (**IAAS**) to Azure Platform as a Service (**PAAS**), utilizing **C#**, **ASP.NET**, Customer Relationship Management (**CRM**), **SQL**, **Azure Durable Functions**, **Logic Apps**, and **Blob Storage** for improved monitoring, scalability, and efficiency.
- Enhanced a front-end project using **React**, improving **UI/UX** and interface **responsiveness**; developed and tailored **email templates** using **HTML**, **CSS**, and **JavaScript** for daily notifications to 10,000 users.
- Created and presented a **POC** for Azure Monitoring with **Application Insights**, reducing **bug resolution time** by 50%, and provided comprehensive **documentation** and **knowledge transfer**.
- Developed and maintained **CI/CD pipelines**, automated tasks with **PowerShell** scripts, and utilized **Azure DevOps**, **ServiceNow**, and Azure Portal for deployments and daily tasks, adhering to **Agile methodologies**.

SKILLS

- Frontend Development:** React, HTML, CSS, JavaScript, Next, Bootstrap, Rest API
- Backend Development:** Express.js, Flask, ASP.NET, Node.js
- Programming Languages:** C/C++, Python, Java, C#, JavaScript
- Cloud Computing:** AWS, Azure
- Databases:** SQL (Oracle, MySQL, PostgreSQL), MongoDB, KQL
- DevOps:** GitHub Actions, YAML, Docker, Selenium
- Collaboration and Version Control:** Git, GitHub, Azure DevOps

PROJECTS

NEST Rentals | Node.js, Express.js, MongoDB, Handlebars.js

- Developed a **MVC pattern** full-stack rental website using **Node.js** and **Express** for the backend, implementing **MongoDB** for database management to perform CRUD operations.
- Designed and implemented a **mobile-responsive UI/UX** using the **Handlebars** templating engine, focusing on intuitive navigation and a user-friendly experience.
- Integrated **2-factor authentication** and **email notification** functionalities for secure user sign-up and streamlined communication.
- URL: <https://nest-rental.vercel.app/>

ACHIEVEMENTS

- Led the team to **victory** in Smart City **Hackathon** 2023 at Seneca College, developing a modern website streamlining the quotation process for fire equipment; integrated **OpenAI** API to develop an interactive chatbot.
- Completed CS50's Introduction to Computer Science by Harvard University on edX by submitting 10 labs and 10 assignments, gaining proficiency in computer science fundamentals and enhancing problem-solving skills.

EDUCATION

Computer Programming and Analysis

Seneca Polytechnic, Toronto, ON

January 2022 – December 2024 (Expected)

GPA: 3.9/4.0 | President's Honour list