

Jay Patel

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SKILLS

Software Development – Java, JavaScript, C#, Dot Net, Groovy, PowerShell, Bash, Racket, C Programming, Graphical User Interface, Object Oriented Programming, and Python.

Web Development – HTML, CSS, Node JS, PHP Laravel 8, Bootstrap, React JS, and REST APIs.

Tools – MySQL Database, Ubuntu, Linux, Docker, Firebase Platform, Android Studio, RStudio, AWS Services (Elastic Beanstalk, Lambda, CodeBuild, and CodePipeline), Ansible, Jenkins, and JFrog Artifactory.

Soft Skills – Communication, Teamwork, Problem-solving, Creativity, and Adaptability.

PROJECTS

Social Media Website

- Incorporated features such as account sign up, log in/log out, Send/accept friend requests, and Posting to the feed.
- Implemented HTML, CSS, Django, Python, Firebase Authentication, and REST APIs.
- Developed the website within 48 hours as a part of Hackathon.

Investment and Stock Tracker

- Developed an SQL database and created a Java application that interconnects with the database.
- Designed a User Interface using HTML, CSS and JavaScript that interacts with the application.
- The application allows users to track investments made by people in a certain organization and track the stocks at the organization.

EXPERIENCE

DevOps Engineer

January 2022 – April 2022

Assent, Ottawa, ON.

- Developed methods and tools to automate and extend the environments in which the company provides services to customers (primarily AWS).
- Collaborated with other development teams and the rest of the organization to enhance automation, observability, scalability, and security.
- Assisted in designing and developing high quality, scalable tools that automate day-to-day operations for the engineering teams
- Worked with tools and technologies such as Dot Net, C#, JavaScript, Groovy, PowerShell, Bash, SQL, AWS Services, Ansible, Docker, Jenkins, and JFrog Artifactory.
- Assisted the development and operations teams make their processes repeatable and automated.

API Integration Developer

May 2021 – August 2021

Fidacity Realty, Ottawa, ON.

- Managed the development and maintenance of new APIs and architected new integrations to APIs.
- Worked with the lead developer to support existing API integrations that need update / troubleshooting. The protocols involved included SOAP, XML, REST, JSON, SQL, HTTP, OAuth.
- Worked on the front-end and back-end development of the website using PHP Laravel, HTML, CSS, Vue JS, Node JS, JavaScript, AWS EC2, MySQL, Linux, and Docker.
- Identified and fixed bugs to resolve technical issues with the API application.
- Performed unit testing and automation testing on the website.

EDUCATION

- Bachelor of Mathematics, University of Waterloo, ON

September 2020 – Present