Sanil Dhamija

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Skill Summary

- Python, JavaScript, C++, C#, PHP, Java, API design, SQL, Systems Design, AWS, DevOps, CI/CD, Unit Testing.
- High Communication Skills, Teamwork, Customer Engagement, Agile Methodology.

Education

- **Memorial University of Newfoundland** — St. John's, Newfoundland
  Bachelor of Science - Computer Science with Co-op — *January 2019 - April 2024*

Work Experience

- **Beaufort Solutions** — St. John's, NL
  Full Stack Software Developer Intern — *February 2022 - April 2023*
  - Collaborated cross functionally across 3 teams including QA, Product Management, and Business.
  - Developed 10+ web and mobile applications using a diverse tech stack, including HTML, CSS, JS, Java, ASP.NET, C++, and Swift.
  - Created over 20 comprehensive wikis that resulted in a 10% overall increase in time efficiency.
  - Performed unit tests to ensure efficiency in real world use which led to an overall 20% decrease in unexpected bugs.
  - Contributed towards a 13% decrease in project delivery time delays by implementing Scrum Agile methodologies for project planning.
  - Leveraged 3+ years of experience using VCS like Git and Azure to streamline CI/CD pipelines.

- **Freelance** — Remote
  Automation Developer — *April 2022 - April 2023*
  - Successfully collaborated with 5 clients over the past year, implementing automation strategies utilizing platforms such as Zapier, Convert Kit, and Make.
  - Achieved a 30% average increase in revenue for clients by optimizing online community engagement on platforms such as Circle, Udemy, and Discord.
  - Significantly improved sales metrics, contributing to a 40% growth in sales within the online communities.
  - Implemented automation solutions that led to a 70% increase in overall community engagement, enhancing the client's online presence.
  - Demonstrated efficiency by saving clients resources and time, eliminating the need for multi-person teams and automating major business and e-commerce tasks.

- **Manna European Bakery & Deli** — St. John's, NL
  Barista and Counter Attendant — *September 2021 - February 2022*
  - Learned valuable skills in time management, customer interaction, task division, and teamwork.
  - Able to make the most stellar latte in Newfoundland.

- **Tim Hortons** — St. John's, NL
  Baker and Barista — *April 2019 - March 2020*
  - Learned the importance of working in a team, and exhibited a high level of willingness to be trained to perform highly physically intensive tasks.

Projects

- **Python ML Currency Recognizer**:
  - Created an OpenCV ORB (Oriented Fast and Rotated Brief) model to recognize Canadian currency and implemented Feature Matching to a reference database.
  - Trained a YOLO v8 model on a custom dataset to perform the same task and compared the usefulness of both models on criteria such as computation power required, time to train, and accuracy.

- **House Chores Flutter Application**:
  - Flutter app created to help track household chores amongst roommates with CRUD features on Firebase with a calendar interface and modern UI.
  - Runs on Android as well as iOS.

- **Grocery Tracker Android Application**:
  - Developed a Grocery Tracker Application on Android in Java.
  - App contains a login screen with logic for handling sign-ups and logins and saves data as per the logged-in user.
  - Built a reusable custom layout in Android Studio to use Recycler View and display a dynamic list based on user's inputs.

- **Android Audiobook Reader**:
  - Developed a fully functional eBook reader application for Android in Java.
  - App contains a Splash Screen with custom layouts.
  - Used Android's Media Player Class to handle audio files of all formats.