

Ninad Sakhardande

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SKILLS

LANGUAGES: C/C++/C# • Python • JavaScript • SQL • MongoDB • SQLite • jQuery • HTML • CSS

TOOLS: ASP.NET • Node.js • Express.js • Passport.js • RESTful API • Mongoose • Flask • Bootstrap • Git

EXPERIENCE

SOFTWARE DEVELOPER | ADP CANADA

January 2019 – April 2019 | Mississauga, ON

- Redesigned TeamPay's employee, company, and pay-period management tools which **reduced** the **time** per transaction from **several hours** to a **few seconds**.
- Improved **performance** of Teampay up to **3 times** by refactoring **SQL** queries.
- Analyzed PayConnexion's performance issue, and developed a solution which **boosted** its **speed** by **50%**.
- Designed and documented two **REST APIs** using **C#** and **ASP.NET MVC** framework for **chat integration** in ADP's WFN application.

FREELANCE FULL-STACK WEB DEVELOPER | INDIANTEKIES

August 2018 – September 2018 | Waterloo, ON (Remote)

- Developed **core backend** of the company's website using **Node.js, Express.js, Passport.js, MongoDB, RESTful API, EJS**, and made it **responsive** through **JavaScript, CSS, and Bootstrap**.
- Implemented a **user signup, authentication** and **project submission** tool.
- Integrated **commenting** functionalities, **user password reset**, pop-up **flash messages**, and **fuzzy** and **refined searches** for projects and their categories.

VOLUNTEER | LIONS CLUB INTERNATIONAL

Jan 2012 – Aug 2017 | Mumbai, India

- Conducted **door to door**, person to person **surveys** and **awareness campaigns** in villages for using bio-digester toilets.
- Organized **programs** for **orphaned children** to make them feel cared for, during all the Indian festivals.
- Helped organize **medical camps** in **villages** by creating and maintaining all the patients' documentation.

PROJECTS

GENERIC DATA STRUCTURES May 2018 – June 2018 | C

- Created a public library of generic data structures(**Stack, Queue and a Binary Search Tree**) using **linked lists** in **C**.
- Performed **black box** and **unit testing** to ensure reliability and varied usability.

DICTIONARY APP June 2018 | Python

- Created a **GUI** based dictionary app using **Python**, and **Tkinter**.
- It functions like a generic dictionary based on **user input** and **searching**.
- Implemented an **auto-suggestion** feature for incorrect searches.

DATABASE APP June 2018 | Python, SQLite

- Created a **GUI** based database app for books, using **Python, Tkinter**, and **SQLite**.
- Architected **CRUD** functionalities by incorporating **SQLite** queries in an **Object-Oriented design**.

EDUCATION

UNIVERSITY OF WATERLOO | CANDIDATE FOR BACHELOR OF COMPUTER SCIENCE (BCS) | 2017 - 2022

- Current level of study: 2B
- Awarded President's Scholarship of Distinction
- Ranked in Top 25% in the world for the Euclid Math Contest
- Relevant Coursework:** Algorithm Design, Data Abstraction, Linear Algebra, Calculus, Probability