

Ninad Sakhardande

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EDUCATION

UNIVERSITY OF WATERLOO

CANDIDATE FOR BACHELOR OF
COMPUTER SCIENCE (BCS)
Expected Dec 2022 | Waterloo ON
Current level of study: 2A
StudentID: 20709329

PACE JUNIOR COLLEGE

Grad. May 2015 | Mumbai, India
HSC: 94%
Ranked first in my high school in the 12th
grade board exams.

SINGHANIA SCHOOL

Grad. May 2013 | Mumbai, India
ICSE: 97.4%
Nominated as one of the top 10
students of the school.

SKILLS

PROGRAMMING

• C • Python • Racket • JavaScript
• jQuery • MongoDB • HTML • CSS

TOOLS

• Node.js • Express.js • React.js
• Passport.js • RESTful API • Mongoose
• Flask • SQLite • DOM • Bootstrap
• Semantics UI • NPM • Vim • Sublime
• Git • UNIX • IntelliJ • Eclipse

MICROSOFT OFFICE

• Word • Excel • Powerpoint

RELEVANT COURSEWORK

COMPUTER SCIENCE:
Algorithm Design, Data Abstraction
Designing Functional Programs

MATHEMATICS:

Linear Algebra 1
Calculus 1, 2

UDEMY:

Web-Developer Bootcamp

LINKS

Github:// [ninad1999](#)
LinkedIn:// [ninadsakhardande](#)

INTERESTS

- Data Science
- Machine Learning
- Artificial Intelligence
- Web Development

EXPERIENCE

FULL-STACK WEB DEVELOPER | INDIANTEKIES

August 2018 – present | Mumbai, India

- Single-handedly developing the company website using technologies like **Node.js**, **Express.js**, **Passport.js**, **MongoDB**, **RESTful API**, **EJS**, **JavaScript**, **CSS** and **Bootstrap**.
- Implemented a **user signup**, **authentication** and **project submission** tool based on a **user permission-focused** architecture.
- Integrated **commenting** functionalities, **user password reset**, and pop-up **flash messages** using **crypto**, **nodemailer**, **async**, and **flash**.
- Currently working on incorporating **fuzzy search** for user projects.

WEB DEVELOPER & RESEARCH ASSISTANT | MAHER HEALTHCARE

June 2015 – June 2017 | Mumbai, India

- Developed a **multi-page** website using **HTML**, **CSS** and **Bootstrap** which saw a **500% increase in traffic**.
- Performed manual data collection from patients to gauge patient satisfaction and performed **analysis** and **visualization** to improve services.

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.
- Celebrated Indian festivals with orphaned children.
- Helped **organize** medical camps in villages by creating and maintaining all the patients' documentation.

PROJECTS

GENERIC DATA STRUCTURES | PERSONAL PROJECT

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 | PERSONAL PROJECT

June 2018 | Python

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

DATABASE APP | PERSONAL PROJECT

June 2018 | Python, SQLite

- Created a **GUI** based database app for books, using **Python**, and **SQLite**.
- Architected **view**, **search**, **add**, **delete**, and **update** functionalities by incorporating **SQLite** queries in an **Object-Oriented design**.

AWARDS

- 2017 Awarded President's Scholarship of Distinction at UWaterloo.
- 2017 Awarded Medal for the Euclid Mathematics Exam(Top 25% in the world).
- 2015 Nominated for the Shri Gopalkrishna Gold Medal.
(Most prestigious award of Singhania School)