

# Ravneet Singh

Portfolio: [ravneetsingh.netlify.app](https://ravneetsingh.netlify.app)

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## EDUCATION

- **Centennial College** Toronto, Ontario  
*Software Engineering Technician; GPA: 3.6/4.5* *January 2021 - April 2022*  
*Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Web Development, Machine Learning, Networking, Databases, Web Development, IT Project Management*
- **Meta Front-End Developer Professional Certificate** Remote  
*September 2022*

## SKILLS SUMMARY

- **Languages:** Python, PHP, C++, JavaScript, SQL, Bash, JAVA, C
- **Frameworks:** Express, Angular, TensorFlow, React, Keras, Django, Flask, NodeJS, LAMP,
- **Tools:** Kubernetes, Docker, GIT, PostgreSQL, MySQL, SQLite
- **Platforms:** Linux, Web, Windows, Arduino, Raspberry, AWS, GCP, Alibaba Cloud, IBM Cloud
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

## EXPERIENCE

- **Software Developer - EduIndia** Remote  
*Student Developer* *March 2020 - Sep 2021*
  - **Responsive Web Application:** Developing responsive web applications across platforms and using JavaScript, Query and libraries like bootstrap, SASS, React and Redux in frontend.
  - **Back-end:** Assisted in managing the back end using Node.js and MongoDB as a database.
  - **Ratchet PHP WebSocket:** Implemented a WebSocket for low-latency real time exchange of posts and thread updates in different scenarios.
  - **Application Planning:** Planned website development by converting mockups into usable web presence with HTML, Javascript, AJAX and JSON coding.

## PROJECTS

- **Survey Creation Site(Full-Stack) - View: [survey-factory.herokuapp.com/](https://survey-factory.herokuapp.com/) ):** 1. Robust website where you can create your own survey with full CRUD operationality. 2. Answer the Survey created by other users. Utilize dynamic programming skills across various core projects. 3. Integration of MongoDB into a website using API. Used javascript frameworks like express.js and npm packages to make a website. 4. Hosted live using Heroku with Github.
- **Tournament Management System:** 1. Built a tournament management system using C. Console app developed using object-oriented concepts. 2. The app is designed to be able to fix matches between the list of teams, conduct matches. between the winning teams, give player info, and display the winning team. 3. Created a ticket booking management system using Windows Form app and displayed. the information in textboxes; input tags and message boxes in the forms. 4. Used various colors and forms to make GUI more attractive for users.
- **SQL and Database Management :** 1. Used RDBMS software: MySQL and Oracle to create, update, extract and delete data from tables. 2. Joined tables based on their relationship with each other and aggregated the values and constraints of different tables. 3. Created the backend to a software application using functions, procedures, packages, and triggers.

## HONORS AND AWARDS

- Awarded title of Innovator in Digital Content Creator - May, 2019
- Runner's Up at State Engineering Project Innovation Content - September, 2018
- Runner's Up at National Developers Hackathon - August, 2019

## CO-CURRICULAR EXPERIENCE

- **Community Lead at Software Student Clubs** Punjab, India  
*Conducted online and offline technical & soft-skills training impacting over 500 students.* *Jan 2019 - August 2022*
- **Event Organizer at Centennial College** Toronto, Ontario  
*Organized events, conducted workshops and delivered workshops reaching over 100 students* *Jan 2021 - Present*