

Ravneet Singh

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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, UI/UX
- **Meta Front-End Developer Professional Certificate** Remote
September 2022

Skills Summary

- **Languages:** Python, PHP, C++, JavaScript, SQL, Bash, JAVA, C, CSS, TypeScript, Sass, ES6
- **Frameworks:** Express, Angular, TensorFlow, React, Keras, Django, Flask, NodeJS, LAMP, QA, vue.js
- **Tools:** Kubernetes, Docker, GIT, PostgreSQL, MySQL, SQLite, ci/cd
- **Platforms:** Linux, Web, Windows, Arduino, Raspberry, AWS, GCP, Alibaba Cloud, IBM Cloud, Azure
- **Soft Skills:** Leadership, Positive, Content management, Articulate, Time Management, Passionate and Responsive, Fast Learner, Multi-Functional

Experience

- **Junior Full Stack Engineer** September 2021 - August 2022
Edu India Remote
 - **Responsive Web Application:** Developing responsive web applications across platforms and using JavaScript, Query and libraries like bootstrap, SASS, React and Redux in frontend code using best practices.
 - **Backend:** Assisted in managing the back end using Node.js and MongoDB as a database and managing code.
 - **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 ES6, CSS, JavaScript, AJAX and JSON coding, editing and refactoring.
 - **Designing Solution:** Discovered innovative solutions to common and exceptional problems identified with the help of ticketing system.

Projects

- **Survey Creation Site (Full-Stack) - View: survey-factory.herokuapp.com/** : 1. Robust website where you can create your own survey with full CRUD operability. 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, 2020
- Runner's Up at National Developers Hackathon - August, 2020

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