

## **Simerdeep (Simer) Grewal**

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**Masters in Computer Applications:** Full stack developer with over 4 years of experience. Expertise in Python and SQL. Proficient in languages such as C#, Javascript, CSS, HTML5. AWS and Github. Experienced in utilising tools like Excel and Power BI for project management. Delivered exceptional user experience. Performed data analysis and development using Python and Pandas. Transform raw numbers into impactful stories to drive decision-making and go-to-market tactics.

### **TECHNICAL SKILLS**

- Process Mapping, Prototyping, Use Case Diagrams.
- Python, SQL, C#, HTML5, Javascript, CSS, Bootstrap, Wordpress, AWS, React.
- Visual Studio & VS Code, SQL, PostgreSQL, Github.

### **EDUCATION**

**Masters in Computer Applications**, Punjab Technical University, India **2009 – 2011**  
Assessed by WES as Master's Degree

**Bachelor of Computer Applications**, Punjab Technical University, India **2006 – 2009**  
Assessed by WES as Bachelor Degree

### **EXPERIENCE**

**Frontend Developer** **Oct 2023- Dec2023**  
Squash Labs Inc. Canada

*Outline:* Worked as a React intern for 10 weeks and helped in the updating of their website to the latest versions of react, webpack and other dependencies.

#### *Key Responsibilities:*

- Replaced the deprecated libraries with similar ones and changed the code to make them work as earlier ones were working.
- Checked the documentations and change logs for the changes in updated versions of libraries and changed the coding according to those documentations.
- Kept the overall working of the project as it is but with updated libraries.

**Tech:** React

**E-commerce Web Application** **2021**  
Mr Wireless, UK.

*Outline:* Improved an existing out-dated web-based solution for an e-commerce organisation looking to enhance their online presence.

#### *Key Responsibilities:*

- Introduced new plug-ins and extensions to make the website more usable and interactive.
- Updated website as instructed by client to introduce new features and content.
- Designed a customer-based appointment booking form for different branches of the business.

**Tech:** HTML, CSS, WordPress.

## **Marketing Web Application**

**2020**

International Trends BV, Belgium.

*Outline:* Developed a web-based solution for an import - export organisation seeking to advertise their services online.

### *Key Responsibilities:*

- Designed complex WordPress solution for back-end & front-end development to establish and guide website architecture & functionality.
- Collaborate with clients to develop site-map guidelines and requirements to capture content, features and functionality for site development efforts.

**Tech:** HTML, CSS, WordPress.

## **Front-End Management Tool**

**2019**

Local GYM, India.

*Outline:* A sole developer to enable a gym-based organisation to help manage their clients.

### *Key Responsibilities:*

- Designed a front-end and backend for a client who needed to keep track of members.
- Designed the front-end form which enabled the client to enter new and existing members details.
- Used MySQL and C# to process and store member's data submitted via the form.

**Tech:** HTML, CSS, Bootstrap, MySQL, C#.

## **Web Developer**

**2015 –2019**

PandaSofts Web Solutions, India.

*Outline:* Pandasofts.com is an expert web designing, web development and software development company in India.

### *Key Responsibilities:*

- Designed, built, maintained and tested web-based applications and websites.
- Created accessible, responsive, and functional user interfaces to allow visitors on any device to have the same perfect user experience.
- Deployed a web interface for validating and matching demand to automate and streamline administrative processes.
- Carried out day-to-day project deliverables using Trello.
- Collaborated with designers and performance team on designing updates to sites and blogs, improving user experience by 41%.

**Tech:** C#, HTML, CSS, Bootstrap and MySQL.

## **PROFESSIONAL DEVELOPMENT**

### **CS50: Introduction to Computer Science**

**Harvard University (EDX) 2023**

- A broad and robust understanding of computer science and programming which covers a number of languages including C, Python, SQL, JavaScript, CSS and HTML.

### **100 days of Code – The Complete Python Pro Bootcamp**

**UDEMY Pursuing**

- Comprehensive Python bootcamp

### **Data Analyst with Python**

**Datacamp Pursuing**

## **South Alberta Institute of Technology- SAIT, Calgary**

**2023**

- IT Business Analysis
- Microsoft Azure Fundamentals
- Microsoft SQL Queries
- Introduction to Python Programming
- Programming with Python
- Python and Data Analytics