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| Sheffield, United Kingdom  [www.jagpreet.dev](http://www.jagpreet.dev/) [Linkedin](https://www.linkedin.com/in/jagpreetjakhar/) | Jagpreet Jakhar | (+44) 7867213851 [jagpreetjakhar@icloud.com](mailto:jagpreetjakhar@icloud.com) |

## Creative, Resilient, Detail-oriented, Software Engineer experienced in creating and implementing successful front and back-end web applications. Transitioning to Machine Learning and Artificial Intelligence.

## Work Experience

**Graduate Teaching Assistant University of Sheffield Sep2023-Present**

* For the module INF112 Data Modelling and Storage Autumn Semester in The Information School, University of Sheffield.

**Web Developer Swig Solutions** **Sep 2015 – Aug 2019**

Gurgaon, Haryana

* Used HTML,CSS and JavaScript to design, develop and maintain responsive, visually appealing and user-friendly websites and web applications catered to small business and schools in the area.
* Collaborated with cross-functional teams, including designers, product managers, and back-end developers to deliver high-quality and effective solutions.
* Participated in code reviews, testing, and troubleshooting to ensure the quality and functionality of the products.

**Industrial Trainee Codeburnerz** Technologies **Jan** **2015 - May 2015**

New Delhi, India

* 4 Months Industrial Training Project on School Management System to manage attendance, fees, result, timetable, and to digitize the workflow of the school, exposure to Agile Methodology and software development disciplines and paradigms.
* Worked on HTML, JAVASCRIPT, CSS, version control and MySQL to implement the project.

**Research Assistant Maharshi Dayanand University** **Sep 2014 – Dec 2014**

Rohtak, India

* Facial Recognition Neural Networks Project using Convolutional Neural Networks by using Python, dlib (Machine Learning library), numpy and OpenCV library.

**Summer Intern Kyrion Technologies April 2013 - June 2013**

New Delhi, India

* Insights in Penetration Testing, OS vulnerabilities, Man in the Middle attacks and used Linux- Ubuntu, and Kali-Linux.

## Technologies and Languages

* Languages: Python
* Technologies: MySQL, Postgres, AWS, Git, {other technologies}
* Libraries: PyTorch, TensorFlow etc.

## Education and Certifications

* **M.Sc. Cybersecurity and Artificial Intelligence,** The University of Sheffield, United Kingdom. **2022 - 2023**
* **B.Tech. Computer Science,** Maharshi Dayanand University, Rohtak,India. **2011 – 2015**

## Union Public Service Commission Civil Services Exam 2019-2021

* Qualified in Unreserved Category: was in top approx. 3000 out of approx.500000 who appear for Prelims Stage.
* Studied History, Economics, Political Science, International Relations, Geography, Emerging Science and Technologies and Environment Studies.
* Gained New Perspectives and Understanding of my Country and World on a macro scale with Social, Political and Economic insights.
* Geography was my optional(specialised) Subject, Gained knowledge in Geomorphology, Climatology, Models and Theories in Geography.