**Uttam Kumar Sharma**

**Software Engineer (Python)**

**Email:** [uttamsharma91@gmail.com](mailto:uttamsharma91@gmail.com)

**Phone:** +917972155609

**CAREER OBJECTIVE**

To be able to work in your organization as a Python/Django Developer where I can fully utilize my skills and experience in HTML, CSS, Python, and Django technologies for the betterment and growth of the organization.

**EXPERIENCE SUMMARY**

* Overall 2+ years of experience in Web Development & Embedded Firmware development using Python, Django, and C Technologies.
* Quality Experience in technical role as Software Engineer.
* Experienced in Firmware Development for Embedded systems.
* Experience with Git.
* Good analytical skills with ability to learn and implement new technologies quickly.

**CURRENT ROLE**

Worked with **Agiliad Technnologies Pvt Ltd** from 22nd August 2016 to 31st August 2018, as a Software Engineer (S/E).

**TECHNICAL SKILLS**

* **Programming Languages:**  Python, C**.**
* **Web Technologies:** Basics of HTML and CSS.
* **Frameworks :** Django
* **Operating Systems:** Windows, Ubuntu
* **Tools and Software :** Atom, Sublime Text, Jupyter Notebook, Microsoft Visual Studio, GIT, SVN, and Advanced Design System (ADS), Xilinx SDK.
* **Configuration Management Tools:** JAMA
* **Others :** LINUX, AVR Micro-controller, basic knowledge of ZYNQ SoC device, Data Structures.

**EDUCATION SUMMARY**

* PG Diploma in Embedded System Design from CDAC in 2016.
* Master of Technology (M.Tech) in Information & Communication Technology (ICT) with 8.67 CGPA degree from GLA University, Mathura in 2015.
* Bachelor of Technology (B.Tech) in Electronics and Communication (ECE) with 73.7% degree from G. L. Bajaj Institute of Engineering & Technology, UPTU Lucknow in 2013.
* 12th Board Exam from Central Board of Secondary Education with 75.6% in 2008.
* 10th Board Exam from Central Board of Secondary Education with 75.6% in 2006.

**EXPERIENCE SUMMARY**

**Employee Leave Management System (LMS):**

**Duration**: 8 August 2017 to 31 August 2018.

**Technologies**: Python, Django, Sqlite3, HTML, CSS.

**Description**: Employee LMS is an web based application that can be accessed through-out the organization or a specified group or department. This system can be used to automate the workflow of leave applications and their approvals. There are other features like email notifications, cancellation of leave, automatic approval of leave etc in this system.

**Role**: Software Engineer– Gathering, Understanding and analysis of requirements. Performed the tasks using Django framework with its great features like MVT (Models, Views, Templates), OOP etc.

**Endoscopy Image Processing System:**

**Duration**: 22nd August 2016 to 7th August 2017.

**Technologies**: C, Embedded C.

**Description**: This system consists of a rigid or flexible tube, a light delivery system to illuminate the [organ](https://en.wikipedia.org/wiki/Organ_(anatomy)) or object under inspection. The light source is normally outside the body and the light is typically directed via an [optical fiber](https://en.wikipedia.org/wiki/Optical_fiber) system, a lens system transmitting the [image](https://en.wikipedia.org/wiki/Image) from the [objective lens](https://en.wikipedia.org/wiki/Objective_lens) to the viewer, and an eyepiece. A camera transmits image to a screen for image capture.

The key features of this Endoscopy system are:

* Display of images on surgical display through HDMI port,
* Integration and control of LED light source,
* Storage of images raw data and video recording in hard disk through USB port, and
* Enclosure design and development considering usability and aesthetics.

**Role**: Software Engineer (Firmware)– Updations in the firmware according to the inputs from client, Interaction with the hardware and mechanical team, Module testing, Integration testing, debugging, and demo in front of clients.

**PERSONAL DETAILS**

* Date of Birth : August 14, 1990
* Gender : Male
* Nationality : Indian
* Marital Status : Single
* Languages : English, Hindi

I hereby declare that the information given above is correct to the best of my knowledge.

**Uttam Sharma**