

Sachin Bisht

Software Developer

+91 7042215276 ksachinbisht@gmail.com New Delhi, India
in/sachin-bisht github.com/Sachin Bisht x.com/Sachin Bisht

Profile

I am a dedicated and forward-thinking software developer with a passion for innovation and problem-solving. Continuously seeking opportunities to leverage my skills and expertise in a dynamic industry that fosters professional growth. With a strong foundation in software development and a commitment to lifelong learning, I thrive on exploring emerging technologies and refining my craft through hands-on experience, education, and collaborative projects. Adaptable and resilient, I approach challenges with creativity and perseverance, driven by a genuine curiosity to explore new possibilities and push the boundaries of what's possible in the world of software development.

Professional Experience

Software Developer, (Botlabs Dynamics) **New Delhi, India** 12/2023 - present

- Worked On Various Computer Vision related tasks such as Image stitching for seamless Panorama and Orthophotos, Including tech stack such as opencv, computer Vision, python.
- Worked On Drone mapping projects for Drone Surveys with the help of image mapping and Point Cloud Generation.
- Working on a Backend Project to Make a interface for Drone mapping Project.

Software Developer, (AlphaStream.ai) **Bangalore, India** 09/2022 - 09/2023

- Trained a Table detection Model with an accuracy of 97.8 Percent.
- Created a Dataset with 100 Percent Precise data without any human intervention with the help of Automation and Python Programming.
- Performed Research and Development in a Project related to Layout Understanding of a Document Helping in NLP and DataBase Projects.
- Managed a Large amount of data Including Images, Documents and Tables(Used Sql).
- Successfully Performed Data extraction from images for further Data Utilization According to needs with the help of OCR.

Education

B.Tech. (Computer Science Engineering) **Lovely Professional University** **Phagwara, Punjab** 2019-2023

Relevant Subjects: Software and Firmware, Data Visualization, Artificial Intelligence, Machine Learning, Coding and Data Management & AWS.

Projects

Layout Data preparation and model training (AlphaStream.ai) **Bangalore, India** 04/2023 - 06/2023

- Created a Layout model dataset which was to differentiate the different component of the data and then further predict the objects to their classes. Also trained the dataset on different models and compared their accuracy to the current model in use
- Created a Dataset with 100 Percent Precise data without any human intervention with the help of Automation and Python Programming.
- Tech Used- Python, Data Cleaning, Data Analysis, Machine learning, Image Processing.

Table Extraction and Classification (AlphaStream.ai) **Bangalore, India** 10/2022 - 09/2023

- Extracted the Table with the help of 3 different models and generated three different results after the extraction of the results implemented the code to compare the results from all the models and then assigned scores related to their relevance of use for the company also wrote a automated code to divide the table in three different parts namely(useable, non Usable, False Positive).
- Created a Dataset with 100 Percent Precise data without any human intervention with the help of Automation and Python Programming.
- Tech Used- Python, Automation, Selenium, Apis, Eda.

Image mapping, stitching and 3D Model generation (Botlabs Dynamics) **Delhi, India** 12/2023 - Present

- Used sift/ORB/SURF along with Homography and other stuffs for image mapping and stitching.
- it was a python project which uses Computer Vision Approaches and Algos.
- Using Computer vision Algos to make a dense point cloud for the the images captured to convert the images into a 3d mesh.

Drone Survey Website Backend (*Botlabs Dynamics*)

Delhi, India 04/2024 - Present

- Working on Python Programming for the backend of the website that will deal with the drone survey mapping.
- Using Dynamodb DataBase for the User Information along with projects details and all the other data.

Online Courses & Certifications

- Professional Certificate for data Analysis - [Coursera, Google](#)
- Modern Big Data Analysis with SQL - [Cloudera](#)
- Fundamental of Computer Vision - [IIT Guwahati](#)

Skills

- **WEB Scraping:** Searching and Collecting Data Online with Automation.
- **OOP:** Good Logic Building along with the good grasp of many Data Structure.
- **Data Manipulation:** Working with different types of data Like Json, XML, EXCEL and intrection between them.
- **C++:** C++ Programming for Object Orinted Tasks.
- **SQL:** Sql for Data Base Management.
- **Pandas,Numpy:** Using Libraries for data analysis and performing N- Dimensional Arthematic Operations.
- **Machine Learning:** Using Models for Prediction, classification, Detection tasks.
- **OpenCV:** Using OpenCV for many image related Task like OCR, Image Contour detection and many more.
- **GitHUB/GitLab:** Using Github for storing, tracking, and collaborating on software projects.
- **Automation:** Reducing the Human Intervention task for better Accuracy and speed of the Results.
- **API/ FastAPI:** Using Fast Api for interaction between Front end and Back end.
- **DynamoDb / AWS:** Using DataBase for Storing the User Informations and Tracking of tasks.
- **Computer Vision:** Right Now learning and Implementing the Skill for different taks like image mapping and data extraction.
- **PYTHON:** Using Python as my Primary Language for Development and Coding Logics.

Languages

- **English** [Fluent]
- **Hindi** [Native]