

# Anurag Srivastava

## Software Engineer

A Result-oriented professional with **2.5 years** of experience, targeting opportunities as **Software Engineer** in an organization of high reputation to implement the acquired experiences and skills to keep growing.

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### CORE COMPETENCIES



Requirement Gathering & Analysis

Software Design Research

Design Analysis

Requirement Analysis

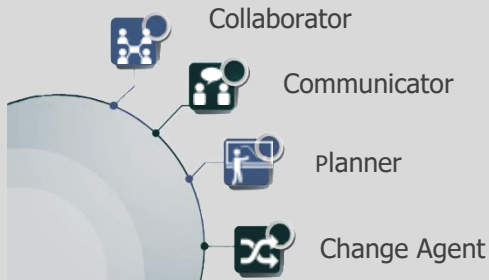
Software Development

Process Improvement

Project & Delivery Management



### SOFT SKILLS



### OTHER COURSES

- ❖ Full Stack by INeuron
- ❖ Deep Learning - Coursera
- ❖ Deep Learning A-Z Udemy



### PERSONAL DETAILS

**Date of Birth:** 20<sup>th</sup> September 1997

**Languages Known:** English, Hindi

**Address:** J-2 Sonal Apartment, George Town, Prayagraj U.P - 211006

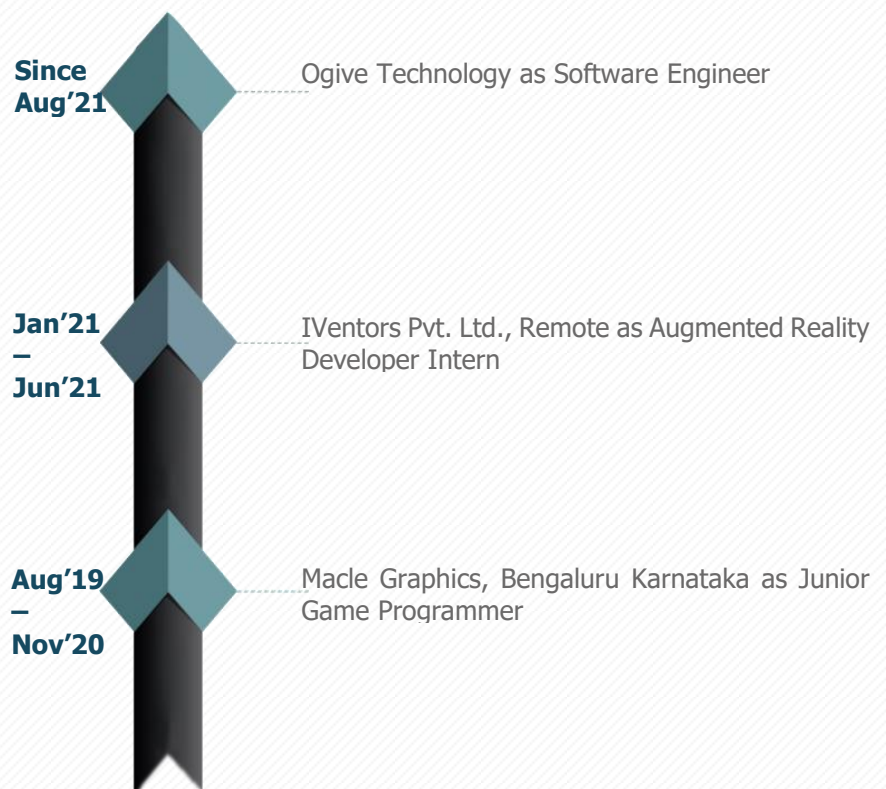


### PROFILE SUMMARY

- Total **2.5 years** of experience in **Python, Numpy, Pandas**.
- **2 year of Experience** in **Machine Learning Techniques, Deep Learning, & Natural Language Processing**.
- **Expertise in working closely with my IT stakeholders** to define problems and design large-scale, enterprise class solutions.
- Applied knowledge of **software development concepts right from requirements, extracting useful information, analyzing, and converting it into insight and creating it into development models like Waterfall**.
- **Translated unstructured information into structured information**.
- **Proficient in Statistics, Data Preparation, Data Manipulation, Data Wrangling, deriving useful insights**.
- **Translated software design into working prototype of the given requirement**.
- **Proficient in design and deployment of Software Systems**.
- **Interprets and analyzes designs using creativity and provide best solution for the given problem**.
- **Achieved 5 star in Python & Problem Solving in Hacker rank**
- **Secured a rank under 400 in Hackathon** organized by Analytics Vidhya



### CAREER TIMELINE



## WORK EXPERIENCE

### Since April'22 with Ogive Technology as Software Engineer

#### Key Result Areas:

- ❖ Collaborating on projects like Intelligent chatbot & predictive maintenance of a vehicle
- ❖ Transforming data science prototypes and applying appropriate ML algorithms and tools
- ❖ Applying Traditional Machine Learning Techniques, Deep Learning, & Natural Language Processing
- ❖ Implementing technologies i.e., Sckit – learn module machine learning algorithms, Neural Network with Keras, NLP with spacy and NLTK, flask for API's
- ❖ Transforming data science prototypes & applying appropriate ML algorithms and tools.

### Aug'19 – Nov'20 with Macle Graphics Bengaluru as Junior Game Programmer

#### Key Result Areas:

- ❖ Developed AI bots using Python, Unity3D & SQL for multiplayer games, resulting in 20% higher user engagement.
- ❖ Created & deployed mobile app development initiatives to increase accessibility by 50%.
- ❖ Optimized game performance with real-time debugging techniques to reduce bugs and errors by 70%

## TRAINING / INTERNSHIP

### Jan'21 – Jun'21 with IVentors Pvt. Ltd., Remote as Augmented Reality Developer Intern

#### Learnbay – Data Scientist Trainee

#### Highlights:

- ❖ Taken lessons NumPy, Pandas, Matplotlib, Seaborn, Plotly, Sckit-Learn, Tensor Flow, Keras, and NLTK modules .
- ❖ Knowledge of Machine Learning Techniques, Deep Learning, and Natural Language Processing.
- ❖ Served on many Real-Life Datasets

## PROJECT EXPERIENCE

#### ❖ Title: AI/ML based Intelligent Chatbot

##### ❖ Description:

- ❖ Developed predictive models using NLP techniques such as spacy, Genshim, Huggingface & RASA to classify over 50K data points with 95% accuracy.
- ❖ Trained chatbot using supervised learning algorithms with 80+ intents and 200+ utterances achieving 90% precision rate within 3 months.
- ❖ Developed deep learning models utilizing Tensor Flow & Keras for natural language processing tasks on over 20k documents with an 80% success rate.
- ❖ Tuning on Dataset and increased accuracy and F1 Score by 20%.
- ❖ Deployed projects in offline LAN military servers with restrictions like no internet, low end user's technical specifications
- ❖ Technology used: Python, Numpy, Pandas, Matplotlib, Keras, Flask, MongoDB.

#### ❖ Title: Diabetes Prediction

##### ❖ Description:

- ❖ Gathered 400,000 Americans on health-related risk behaviors, chronic health conditions, and the use of preventative services projection data from Behavioral Risk Factor Surveillance System (BRFSS) from MongoDB Collections.
- ❖ Performed Exploratory Data Analysis and all Machine Learning Algorithms and chosen best with Hyper Parameter Tuning on Dataset and increased accuracy and F1 Score by 20%.
- ❖ Technology used: Python, Numpy, Pandas, Matplotlib, Keras, Flask, MongoDB.

#### ❖ Title: Course Recommendation System

##### ❖ Description:

- ❖ Accumulated data from office database, cleaned data and Tokenized using NLTK, Vectorized using Tf-idf Vectorizer, and used K-NN in Python, constructing an enhanced course selection targeted to reach from Class 1-12
- ❖ Enhanced methodologies to save an average of 12 minutes and 3 minutes per course selection, respectively
- ❖ Technology used: Python, Numpy, Pandas, Matplotlib, Tf-Idf Vectorizer.

## TECHNICAL SKILLS

- ❖ **Operating Systems:** Ubuntu 18.04, Windows
- ❖ **Programming:** Python, SQL, MongoDB
- ❖ **Data Visualization:** Matplotlib, Seaborn, Excel, Google Sheets

## EDUCATION

2019

B.Tech. (Computer Science) from University of Petroleum and Energy Studies, Dehradun, Uttarakhand

2015

12<sup>th</sup> from Allahabad Public School, Prayagraj Uttar Pradesh