

Shikhar Gupta

(+91)7897643738 | shikhargupta51@gmail.com | shikhargupta.me | [linkedin.com/in/shikhar0051](https://www.linkedin.com/in/shikhar0051) | github.com/shikhar0051

CAREER OBJECTIVE

To work in an organisation which shall offer challenges to solve unstructured so as to make creative use of my ability to accomplish the company's objective and subsequently attain for myself higher responsibility levels.

EDUCATION

2022	B.Tech.(COMPUTER SCIENCE AND ENGINEERING)	PDPM IITDM Jabalpur	GPA: 7.3/10
2018	12 th CBSE	ST. JAMES SCHOOL, Hardoi	Percentage: 88.4%
2016	10 th CBSE	ST. JAMES SCHOOL, Hardoi	CGPA: 10.0

WORK EXPERIENCE

FEB 2021 - MAR 2021	Python Developer at MyWays <ul style="list-style-type: none">•Developed Lambda Handlers and their worker functions using pre written Rest APIs.•Created tests cases for new and existing Lambdas and tested using AWS Console and Postman.•Wrote Python Scripts to scrape and store data from multiple websites in DynamoDB and csv file. Technologies used –AWS(AWS Lambda, DynamoDB, Cloudwatch, AWS Layers), Python, Selenium, BeautifulSoup, Postman
JAN 2021 - FEB 2021	Research and Development Intern at Gravitare AI <ul style="list-style-type: none">•Analyzed Amplitude and spectrogram of different Audio files of Tensorflow speech recognition and mozilla common voice dataset•Trained Model on Tensorflow speech recognition dataset using 3 layered CNN with .89 accuracy Technologies used – Python, Tensorflow, Scipy, librosa
OCT 2020 - NOV 2020	AI Intern at Pantech Prolab India Pvt. Lmt.

ACADEMIC AND PERSONAL PROJECTS

JAN 2021 - PRESENT	Department Module - Fusion IIIT - Intra-Web Application for IITDM Jabalpur <ul style="list-style-type: none">•Created new Module named Department and added its functionalities to existing application.•Optimized Query Structure for effective queries from Django Database.•Technologies used – Python-Django, Javascript, HTML/CSS
OCT 2020 - DEC 2020	Flight Path Optimization using Ant Colony Optimization <ul style="list-style-type: none">•Optimized Flight Path Problem using Swarm Intelligence Technique of Ant Colony Optimization.•Solved the existing problem using Traditional ACO, Elitist and Min-Max Method.
JULY 2020 - AUG 2020	DANI Desktop assistant <ul style="list-style-type: none">•A voice based Desktop assistant that works on Python v3.5+ and uses other Python libraries•Also automates the web browser (Google Chrome) and have functions like search on google and youtube and open new tabs
FEB 2020 - JUNE 2020	Price Trend Analyzer for Online Shopping <ul style="list-style-type: none">•An online site that compares the price of different products on shopping websites•Python based project using Flask and other Python libraries like BeautifulSoup and Selenium
SEPT 2019 - DEC 2019	Placement Cell Management website <ul style="list-style-type: none">•Focuses on providing simple but effective layout for users•Handy to use Database with a well described ER Diagram

SKILLS

PROGRAMMING	Python, JavaScript, HTML/CSS, Java(Familiar), PHP(Familiar)
DATABASE	MySQL, DynamoDB, MongoDB(Familiar)
WEB FRAMEWORK	Django, Flask
DEVELOPER TOOLS	WordPress, Git, Google Cloud Platform, AWS Serverless, Postman, Restful API
CORE AND PERSONAL SKILLS	Data Structures, Algorithms, OOPs, Problem Solving

WORKSHOPS/CERTIFICATES

APRIL 2020(8 WEEKS)	Information Security 5: Secure System Engineering (Swayam, Nptel)
JAN 2020(14 HRS)	Cyber Attack Countermeasures (Online Self-learn basis from Coursera)
NOV 2019(13 HRS)	Introduction to Cyber Attacks (Online Self-learn basis from Coursera)
SEPT 2019(32 HRS)	CompTIA Network+ (Online Self-learn basis from Cybrary)
JUNE 2019(4 WEEKS)	Core Java Certification via Aptiron, Gurugram

POSITION OF RESPONSIBILITY

DEC 2019 - MAR 2020	Core Team Member Inter IIIT Sports Meet - Gusto'20
OCT 2019	Football Team Captain for Institute Team
APR 2017 - MAR 2018	Counsel Member(House Captain) for School Student Representative team