

RISHABH SUSHIL JAIN

rishabhshj23@gmail.com

+44-7442640006

linkedin.com/in/rishabhshj23

I am a highly motivated AI and ML engineer with a strong educational background and hands-on experience in various projects and data pipelines. I possess excellent managerial and leadership skills, honed through active involvement in multiple student societies and clubs while pursuing my education. I hold a Distinction in my M.Sc. in AI and Robotics from the University of Hertfordshire and currently work as a Data Engineer in the UK. My career objective is to leverage my skills and qualifications to achieve personal and professional growth while demonstrating dedication, motivation, and a strong sense of responsibility.

WORK EXPERIENCE:

- **Data Engineer** [Feb 2022 – Present] **STV Group Plc, UK**
Working with Databricks, Pyspark, Amazon AWS & EC2, Tableau, Data Pipelines, Automate Scripts/Jobs. Develop and maintain CI/CD pipelines, ETL Jobs, GitHub, Migration, etc.
- **Associate Developer** [Jun 2021 – Jan 2022] **RYoshiga Consultancy Ltd, UK**
As an associate developer, my responsibilities included software development, data analysis, testing project, specialised development in AI and ML projects, UI-UX Design and client engagement working with C# Basics, JavaScript, Python, Google Analytics.
- **Content Engineer Intern** [Jun 2020 – May 2021] **Kelkoogroup, UK**
My responsibilities included website administration, merchant integration and support, and the development of scripts and tools in Python, XML, and Linux. Assist with Google PLA and sales tracking. During my time at work, I gained new technical skills, as well as professional teamwork and leadership, which has increased my confidence, communication, and time management abilities.
- **Student Trainee** [Apr 2018 – Jul 2018] **Zensar Technologies**
Internship as student trainee focused on learning soft skills, coding in Java and Mongo DB database. During the work, I have acquired new technical skills, how to operate in a team, and discovered I am a quick learner.

EDUCATION:

- **M.Sc. - Artificial Intelligence and Robotics** [Sep 2019 - Sep 2021] **University of Hertfordshire**
Key Modules: Artificial Life with Robotics, Practices of Artificial Intelligence, Neural Networks and Machine Learning, Ethical Practices, Team Research and Data Analysis.
- **Bachelor of Computer Engineering** [Aug 2015 - Apr 2019] **Savitribai Phule Pune University**
Key Modules: Artificial Intelligence & Robotics, Machine Learning, Cyber Security, Embedded Systems, Internet of Things, Web Technology, Computer Networks, Databases, Computer Graphics, Electronics, Android Applications and Data Analytics.

MAJOR PROJECTS:

- **User Authentication using NLP and ML** [May 2021 - Sept 2021]
MS project for user authentication with facial and speech recognition using NLP and ML methods to provide the advanced interactive and secured biometrics system and is recognized as one of the **top projects** by university.
Tools and technologies: NLP and ML algorithms, Python and advanced packages for AI.
- **Smart control system in automobile** [Nov 2018 - Feb 2019]
A Sponsored project on the control system for automation in obstacles detections, slowing down of the vehicles, automatic closure of side mirrors, voice-controlled braking system in automobiles.
Tools and technologies: IoT, Raspberry Pi, various sensors with controllers, and Python.

- **Online exam portal** [Feb 2018 - May 2018]

A Sponsored project for online mock CET exam portal & college predictor for 12th standard students seeking admission to Engineering colleges under Savitribai Phule Pune University.

Tools and technologies: Html, CSS, PHP, MySQL, Apache Server and Data Analytics.

- **Home automation and security system** [Dec 2017 - Feb 2018]

College Sponsored project on home automation system using IOT for controlling the home appliances and various devices using internet and cloud to advance security in the home.

Tools and technologies: IOT, PHP, Python, Cloud Computing, Networking and microcontrollers.

TECHNICAL SKILLS:

- Languages: C++, Java, XML, Python and Pyspark
- Knowledge of Linux, Windows, Macintosh, Kali Operating Systems
- MySQL, Mongo DB, Postgres, SQL and Android Studio.
- AWS Cloud, Rest APIs, Postman Tool
- Knowledge in Ethical Hacking and Business Intelligence & Data Analytics.

OTHER EXPERIENCE:

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| • Campus Ambassador [Feb 2021 – Aug 2021] | University of Hertfordshire |
| • Art's Club Student Coordinator [Sep 2015 – Mar 2019] | PCCOER |
| • Training & Placement Student Head [Sep 2016 – Apr 2019] | PCET |
| • IIT Campus Ambassador [Nov 2016 - Mar 2019] | IIT Mumbai & IIT GHUWATI |
| • Internshala Student Partner (ISP) [Mar 2017 – Feb 2019] | Internshala |

Experienced university representative with strong communication and leadership skills. Coordinated campus tours, open days, and events, fostering connections with students and parents. Led cultural and technical gatherings, showcasing effective organizational abilities. Served as Student Coordinator for Training and Placement, organizing successful job fairs and honing communication and presentation skills. IIT Student Ambassador, bridging gaps and enhancing presentation prowess. Student Representative facilitating internships through Internshala with excellent communication and presentation aptitude.

ACHIEVEMENTS:

- Completed Internship Experience in Technology, UK from Bright Network 2021.
- MTA: Security Fundamentals certification from Microsoft in 2018.
- Participated in National Level Internet of Things (IoT) competition at IIT Varanasi in Feb 2018. and secured 2nd Position in Zonal Level under IIT Varanasi in Sep 2017.
- Founded a Social service Organization (OEI) in 2015.
- Have presented seminars on soft skills, Internet of Things, Virtual Reality, Embedded Systems Network, Ethical Hacking and Android Hacking at the state level.
- Published research papers and achieved copyright for various projects.

INTERESTS:

I enjoy involving in extra-curricular activities like playing badminton, love cooking, travelling, exploring places, micro management and always keen on learning new things.

References available upon request