

# RONIT FOZDAR

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## WORK EXPERIENCE

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### Software Development Internship, Insignia Consultancy Solutions

August 2024 - Present

- **Chatbot Development:** Created a fully functional chatbot using Hugging Face LLM and an optimized version with Groq API for enhanced performance.
- **Voice Integration:** Implemented Text-to-Speech (TTS) and Speech-to-Text (STT) features to improve user interaction.
- **Research and Innovation:** Investigated LLMs, LangGraph, and function calling, contributing valuable insights to the team.
- **Testing and Quality Assurance:** Conducted thorough testing of Python code to ensure functionality and reliability.
- **Speech-to-Text Projects:** Developed a robust speech-to-text pipeline and a separate real-time speech-to-text pipeline, allowing for the use of various LLMs to generate text from user speech.

### Teaching Assistant for CS 630, New Jersey Institute of Technology (NJIT)

September 2023 - December 2023

- Supported grading and provided feedback for lab work and assignments, improving student performance by 20%.

### Teaching Assistant for CS 656, New Jersey Institute of Technology (NJIT)

January 2023 - May 2023

- Assisted in grading and provided feedback, enhancing student understanding and assignment quality by 25%.

### Video Editor, Mentease

May 2022 - July 2022

- Produced 10 videos, including 2 intros and 8 short/long videos, increasing the non-profit's social media engagement by 30% and improving their digital presence.

### Graphic Designer, Webtraffic Agency

January 2022 - June 2022

- Initially focused on creating static visuals for social media posts on Instagram and Facebook for 3 brands, and expanded to designing dynamic content, including static posts, carousels, video posts, and reels for over 10 clients.
- Collaborated with the team lead to develop comprehensive social media calendars for all clients, which streamlined content planning and scheduling, significantly enhancing workflow efficiency.
- Conducted extensive research and ideation for engaging social media campaigns, incorporating unique design concepts and timely themes such as festivals to boost client digital presence.
- Designed promotional materials including a branded menu, a GIF for Webtraffic's website showcasing services, and monthly emailers serving as product brochures for various clients.
- Produced full-fledged video ads for food brands, contributing to effective product promotion on platforms like Amazon and achieving a 40% increase in ad performance and engagement.
- Contributed to brand visibility growth by 35% through strategic design and content creation, enhancing the overall impact of digital marketing campaigns.

### Game Developer Trainee, Giro Fintech

November 2020 - January 2021

- Gained hands-on experience by developing and testing 5 HTML5 games using Construct

- 2, which significantly enhanced my problem-solving skills.
- Worked on creating and rigging 3D models, including a game character and a car, improving my proficiency in 3D modeling.
  - Integrated 3D models into Unity, where I implemented controls for character and vehicle movements, strengthening my skills in game engine functionality.
  - Developed a deeper understanding of the game development pipeline, from asset creation to game integration, through practical application and problem-solving.

**Data Analytics & Visualization Intern, Taken Mind**

August 2019 – September 2019

- Analyzed and visualized datasets using Python, NumPy, and Pandas, improving automated test data analysis tools' efficiency by 25%.

EDUCATION

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**New Jersey Institute of Technology (NJIT)**

2022–2024

Master of Science, Computer Science

**Thakur College of Engineering and Technology (TCET)**

2017–2021

Bachelor of Engineering, Computer Engineering

SKILLS

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Adobe Illustrator, Adobe Photoshop, Adobe Premiere, Agile Methodologies, Artificial Intelligence, Blender, C/C++/C#, Canva, Django, Figma, Flask, GitHub, Graphic Design, HTML, HTML5, Java, JavaScript, Large Language Models, MongoDB, MySQL, Python, React.js, SQL, Unity, User Interface Design, UX Design, Visualization, Web Design, Web Development, WordPress

CERTIFICATION AND LICENSES

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|---|------|
| <b>Data Analysis with Python</b>                    | 2020 |
| <b>Data Science Hands-On with Open Source Tools</b> | 2020 |
| <b>Introduction to Cloud</b>                        | 2020 |
| <b>Introduction to Data Science</b>                 | 2020 |
| <b>Machine Learning with Python</b>                 | 2020 |