DHARAN RAJ

Bachelor of Technology AI&DS*

ABOUT

Experienced in both frontend and backend development, I specialize in seamlessly integrating the two realms to craft exceptional user experiences. My proficiency in Python extends to crafting insightful data visualizations. Additionally, I bring a creative flair to 3D animation and modeling. Collaborating with universities on joint ventures has honed my problem-solving tenacity. I'm defined by my ability to surmount challenges and unwavering commitment to achieving objectives.

CONTACT

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in www.linkedin.com/in/dharan-raj-a14a8720a/

LANGUAGE

English
Hindi

EDUCATION

- **Guru Harkrishan Public School**
  Indore,
  Madhya Pradesh
  Completed in 2018

- **Kongu Polytechnic College**
  Diploma, Major in Electronics and Communication Engineering,
  Minor in Multi-Media
  Completed in 2021

- **Kumaraguru College Of Technology**
  Bachelor of Technology, Major in Artificial Intelligence & Data Science, Minor in Python & Networking
  Currently Pursuing

PROJECT & EXPERIENCE

Leaflet

University of Torronto | June 13 - June 15 2022 (2 days)

- Conducted a workshop on the basics of Leaflet and HTML5.

Interactive map

Lancaster University | May 2022 - June 2022 (1 month)

- Has experience with Leaflet and collaborated on the project to create an interactive map for showing the disappeared and shrinking water tanks from British India Coimbatore to present.

3D Modeling and animation

Lancaster University | Aug 2020 - Jul 2021 (1 year)

- Done 3D modeling and animation on the theme of past and current situation of lakes and rivers using Blender, HTML5 and JavaScript.

Innovation Engineer trainee at Forge

Forge | Jan 2023-July 2023 (7 months)

- Bulit basic IOT and RF id projects for Forge module (e.g.: RF id scanner).
- Also done basic web applications and developed apps using MIT App Inventor and UI/UX using Figma.
- Developed basic mini game with the help of Scratch.

HARD SKILLS

- UI/UX Design
- Machine Learning
- Quantitative analysis
- 3D Modelling

SOFT SKILLS

- Problem-solving
- Quick learning
- Collaboration
- Decision making
- Critical and creative thinking

TOOLS AND SOFTWARE

- Python
- HTML/Java Script
- C/C++
- Tableau
- Unity
- Blender
- Adobe Animate
- Figma
- Particle Illusion

Django Web-app

Forge | Apprenticeship (2 months)

- Built a Django Web app for object detection using Computer Vision.
- Customizable Zone segregating and generic solution for security enhancement.

PUBLICATIONS

- Seba, Antony, R. Selvakumaran, and Dharan Raj. 'Predictive Analytics for Fake Currency Detection'. In *Proceedings of International Conference on Intelligent Vision and Computing (ICIVC 2022)* edited by H. Sharma et al., *Springer Nature Switzerland AG 2023*, PALO 17, pp. 1-10, 2023. DOI: 10.1007/978-3-031-31164-2_11.

PERSONAL INTERESTS

- Like to play video games.
- Interested in 3D modelling and animation.
- Good at cooking.
- Interested in learning new programming language.
- Repairing and Servicing Electronic devices (Mobile Phones, Washing machines, Refrigerators).

AREA OF INTERESTS

- Web Development
- Advanced Intelligence Controller
- Data Analytics

DECLARATION

I, Dharan Raj, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Digital Signature

Dharan Raj