

# Ilma Rasheed

**Passport:** Y8253288   **Work permit:** Indian   **Nationality:** Indian   **Date of birth:** 15/09/2004   **Place of birth:** Bhopal, India

**Gender:** Female   **Phone number:** (+91) 09302875725   **Email address:** [ilmaaa.rashid@gmail.com](mailto:ilmaaa.rashid@gmail.com)

**Whatsapp Messenger:** +91 9302875725

**LinkedIn:** <https://www.linkedin.com/in/ilmah-rasheed>

**Website:** <https://illmaahh.github.io/portfolio/>

**Home:** sheikh batti street Ibrahimpura, 462001 Bhopal (India)

## ABOUT ME

Driven B.Tech student with good leadership and quick learning skills having experience in AI based analytics, research and impactful tech projects. Able to communicate, problem solve, and produce quality with both creativity and discipline.

## PUBLICATIONS

- [2025]

**Adaptive VR Interfaces for Elderly Healthcare Monitoring: A User-Centered Design Approach** Developed adaptive VR interfaces for elderly healthcare to enhance accessibility, comfort, and usability.

**Authors:** Ilma Rasheed | **Journal Name:** Independent Research / User-Centered Design in Healthcare | **Publisher:** Zenodo


**Link:** <https://doi.org/10.5281/zenodo.17790985>
- [2025]

**Usability Evaluation and Interface Improvement Study of WhatsApp to Enhance User Productivity and Well-Being** Studied WhatsApp's usability issues and proposed AI-based spam detection, better chat sync, and a stable UI for improved user experience.

**Authors:** Ilma Rasheed | **Journal Name:** Independent Research / UX and HCI Study | **Publisher:** Zenodo

**Link:** <https://doi.org/10.5281/zenodo.17815510>

## WORK EXPERIENCE

-  **TechNova Solutions** – Bhopal, India

**City:** Bhopal | **Country:** India

**Virtual Data Analytics Intern**

[ 15/05/2025 – 30/08/2025 ]

Analyzed datasets using Excel and Python, assisted in data tasks, and automated reports through Python-based data processing and visualization.

## PROJECTS

- [ 08/2025 – 11/2025 ]

**ElderVR - Adaptive Healthcare Dashboard for Elderly Users** Developed a VR-based healthcare system for elderly users with simplified UI, medicine reminders, and stress-relief features using Python, Streamlit, Pandas, and Matplotlib.

**Link:** <https://github.com/illmaahh/ElderVR>
- [ 11/2024 – 01/2025 ]

**DDAP Web App (Digital Dependency Analysis Platform)** Developed a sentiment analysis app to study digital addiction using social media data with dashboards and topic detection, built using Python, Streamlit, and NLP.

**Link:** <https://github.com/illmaahh/DDAP-Project>
- [ 04/2024 – 09/2024 ]

**GAN Project - Image Synthesis & Data Augmentation** Implemented GANs for image synthesis and data augmentation to improve AI model performance using Python, TensorFlow, and PyTorch.

Link: [https://github.com/illmaahh/GAN\\_project](https://github.com/illmaahh/GAN_project)

## CERTIFICATIONS

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[ Forage, 07/04/2025 ]

### AWS Solutions Architecture Job Simulation

**Mode of learning:** Online

[ HP LIFE (HP Foundation), 14/09/2025 ]

### Data Science & Analytics

**Mode of learning:** Online

[ Forage ]

### GenAI Powered Data Analytics Job Simulation

**Mode of learning:** Online

[ Geeks of Gurukul ]

### Workshop in Data Analytics

**Mode of learning:** Project based

## EDUCATION AND TRAINING

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### Bachelors of technology- Computer Science Engineering

*Truba Institute of Engineering and Information Technology* [ 09/2023 – Current ]

City: Bhopal | Country: India | Website: <https://www.trubainstitute.ac.in/> | Level in EQF: EQF level 6

## CONFERENCES AND SEMINARS

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[ 13/10/2025 – 13/10/2025 ] Middlesex University Dubai – Main Campus, Dubai Knowledge Park, Dubai, UAE

**Databricks DevConnect | Dubai** Attended **Databricks DevConnect Dubai**, focusing on data engineering, analytics, and AI, featuring talks by Dr. Krishnadas Nanath, Dr. Siddhaling Urolagin, and Databricks Staff Developer Advocate Holly Smith, along with hands-on labs and networking via **Databricks Academy**

Link: <https://luma.com/wj75im8e>

## LANGUAGE SKILLS

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**Mother tongue(s):** Hindi

**Other language(s):** English | French

## SKILLS

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Data Analytics & Visualization / Artificial Intelligence & Machine Learning / User-Centered Design & Usability Research / Programming & Problem Solving / Streamlit / Team Collaboration & Leadership

## VOLUNTEERING

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[ 04/2024 – Current ] Bhopal

### College Technical & Job Fair Events

Volunteered in college tech fests, workshops and job fairs, assisting with event organization and coordination.

[ 2020 – 2021 ] Bhopal

### Local Community Organization

Volunteered during the COVID-19 lockdown, supporting local initiatives through awareness campaigns and digital assistance.