

Anitha Kanagaraj

33, Oranclose, Oran hill, Oranmore, county Galway,
Ireland - H91V2F4
+353 892675942
Anithakanagaraj899@gmail.com
www.linkedin.com/in/anithakanagaraj

Personal Profile

Dynamic and results-oriented Artificial Intelligence master's student with a robust IT, teaching, and project management background. Skilled in machine learning, natural language processing, and digital workplace management. Proven expertise in team leadership, automation, and client-focused solutions, driving measurable improvements in system performance and operational efficiency. Seeking opportunities to leverage academic knowledge and professional experience in AI-driven innovations. No immigration support is required- independent work permission (Stamp 2) is valid till 2025.

Education

Sep 2024 - Sep 2025 Master in Artificial Intelligence, University of Galway, Galway, Ireland
Expected result:2.1

Modules Principles of Machine learning, Natural language processing, Information retrieval, AI Ethics, and Programs and Tools for AI

Aug 2013 - May 2017 Bachelor of Engineering: Computer Science and Engineering, SNS College of Technology, India
Overall Result:1.1

- Activities ➤ Engaged in numerous seminars and paper presentations, demonstrating a commitment to ongoing professional development
- Delivered a well-received paper titled "Energy Conservation in Automatic Teller Machine Integrated with IVR Technology" at the 5th International Conference on Recent Trends in Engineering Science

Work Experience

Volunteering Experience

Dec 2024 - Jan 2025 Volunteer Annotator
University of Galway, Ireland

- Annotated dialogues with safety labels to ensure content moderation and compliance
- Developed an insight into conversational safety metrics and improved classification accuracy

Engineering/IT Experience

Jun 2022 - Aug 2024 Senior Software Engineer: Team leader for Tachyon Application Service, Wipro Limited, Remote, India

- Directed a team of 8 members, achieving 100% adherence to deadlines and reducing incident tickets by 35%
- Enhanced user productivity by 30% through performance monitoring and tailored solutions
- Developed and implemented 15+ automation scripts in a month, reducing manual effort by 50% and improving task efficiency
- Delivered comprehensive monthly reports to stakeholders, providing actionable insights for strategic decisions
- Resolved critical issues, including hardware failures, application crashes, device performance, and infrastructure-related problems

Apr 2021 -May 2022 Senior System Engineer: SME for Nexthink, Nanoheal, and Blancco Automation tools, Infosys Limited, Remote, India

- Organised the global deployment of Nexthink, Nanoheal, and Blancco tools, ensuring seamless integration and functionality across the digital workplace
- Designed and validated over 20 automation use cases, streamlining incident resolution processes and enhancing operational workflow
- Coordinated with cross-functional teams, reducing project turnaround time by 20% through effective collaboration
- Developed comprehensive workflow and conducted successful UAT for Blancco, ensuring on-demand deployment readiness
- Implemented Nanoheal with default use cases on a pilot group of users

Sep 2018 -Apr 2021 Application Developer: Technical Support for Linux and IBM Middleware MQ, IBM India Pvt. Ltd, Chennai, India

- Resolved over 600 incident tickets with a 100% compliance rate, maintaining uninterrupted system operations
- Monitored and optimised Unix scripts used in batch job scheduling, ensuring accurate execution and timely processing
- Identified and resolved errors in job execution, improving scheduling reliability and reducing downtime
- Monitored and cleared 1,200+ message queues, ensuring reliable application communications

Teaching Experience

Sep 2024 -Mar 2025 Graduate Teaching Assistant, University of Galway, Galway, Ireland

- Facilitating teaching Object Oriented Programming and C language to 30+ students

- Co-ordinating students with programming concepts and Assignments

Sep 2017 -May 2018 Pro-Term Lecturer, Salem College of Engineering and Technology, Salem, India

- Instructed over 200 undergraduate students in Python and C++, achieving course satisfaction and enhancing programming competency across multi-disciplines
- Created and implemented 20+ laboratory exercises, enhancing student engagement and practical skills

Achievements

- Secured **2nd** Place, Invent for the Planet (IFTP) Ireland 2025 - Developed a sustainable timber foundation solution to reduce carbon emissions in construction.
- Awarded the **Bronze President's Award** for outstanding participation and performance in the Enterprise Challenge 2024, conducted by Ideas Lab and sponsored by SAP
- Received the "**Responsive Me Award**" for proactive contributing innovative ideas during team calls, enhancing collaboration and innovation within the team.
- Recognised with "**Habit Flagbearer Award**" for Building Trust and Responsiveness

Project

- 1. Invent for the Planet (IFTP) Ireland 2025** (Atlantic Technological University, Galway | Texas A&M University | February 2025)
 - Developed Wood Footing, an engineered timber foundation solution to reduce carbon emissions in the construction industry.
 - Recommended predictive, data-driven strategies for sustainable timber sourcing and to assess the foundation behaviour in soil loop for more efficient structural design.
- 2. Enterprise Challenge – University of Galway IdeasLab** (SAP Business Challenge | Sep 2024 – Nov 2024)
 - Developed DM-Me (Dynamic E-Mail Management for Efficiency), an AI-based solution to manage email overload for corporate employees.
 - Focused on automating email prioritisation, summarisation, event integration, and task tracking to enhance productivity

Skills Profile

Technical Skills

- Machine Learning, Natural Language Processing, Information Retrieval
- Programming Languages: Python, C++, Java
- Automation Tools: Nexthink, Nanoheal, Blancco, Tachyon
- Unix Scripting, Middleware Technologies: IBM Middleware MQ
- Data Analysis and Visualisation: Numpy, Pandas, SQL, Tableau
- Cloud Computing: AWS Core Services (e.g., EC2, S3, Lambda)

Language

- English (Fluent), Tamil (Native), Telugu (Intermediate), German (Beginner)

Interests

- Artificial Intelligence Research, Automation, Teaching, Technology-driven Solutions, Listening to Music, Reading Books, and Watching Series

Certifications

- AWS Certified Developer Associate (2020)
- SQL for Data Science, Advanced Python Programming, Data Analysis and Visualisation with Tableau
- Google Certifications: Generative AI, Introduction to Large Language Models, Responsible AI
- Goethe Certification (German A1)
- IELTS Certification

Referees

References available upon request

Soft Skills

- Team Leadership and Mentorship
- Project Management and coordination
- Problem-solving and Critical Thinking
- Effective Communication and Presentation Skills
- Client Relationship Management

Tools

- Development Tools: Jupyter Notebook, PyCharm
- Machine Learning Libraries: Scikit-learn
- Data Visualisation: Tableau, Matplotlib, Seaborn
- Cloud Platforms: AWS, Azure, Google Cloud
- Collaboration Tools: MS Office Suite, Git