

Rajaram Jagadeeswaran

Dublin | +353 89 266 0371 | [LinkedIn Profile](#) | rajaramjaga@gmail.com | [Portfolio](#) | GitHub: <https://github.com/Rajaram-Jagadeeswaran>

PROFILE

- Passionate Full-stack Developer with strong interests in cloud-native and system-level software development, as well as high-performance networking and infrastructure.
- Over **3 years of experience** in designing and developing scalable enterprise solutions using full-stack technologies and low-code platforms like Appian with strong integration into cloud ecosystems.
- **MSc in Cloud Computing from NCI** with focus on scalable cloud technologies.
- Available immediately in Ireland with **Stamp 1G** work authorization.
- Proven ability to work with cross-functional teams and **engage stakeholders effectively**, with a track record of managing production support and maintenance.
- Hands on experience in **building & deploying CI/CD pipelines, expertise in AWS resources**, machine learning, and AI for automation solutions, with a focus on programming such as React, JavaScript & Express.js.

TECHNICAL SKILLS

- **Programming & Frameworks:** Python, Appian, HTML/CSS, Bootstrap, JavaScript (ES6), React, Django, PowerShell.
- **Tools & Software:** Agile methodologies, ServiceNow, Jenkins, JIRA, CloudWatch, .NET SDK, VS Code, Postman, Cursor AI, Claude, Power Automate, n8n, Helpdesk Ticketing Systems.
- **Version Control:** GitHub, GitHub Actions, CI/CD pipelines.
- **Backend & DBMS/ Data Handling:** Proficient in Python (Flask, SQLAlchemy), REST APIs, Node.js, Express.js, MySQL.
- **Cloud Technologies:** Proficient in **Amazon Web Services** with direct expertise in services such as (EC2, S3, Lambda, SNS, DynamoDB, Elastic Beanstalk, API Gateway, RDS, SageMaker, Bedrock), Microsoft Azure, Docker, Terraform, CloudFormation.
- **Systems & Networking:** SDN concepts, SLA, Active Directory & Group Policy, Networking (VPN, TCP/IP, DNS).
- **Security & Governance:** Secure coding best practices, code review, monitoring and governance compliance.

WORK EXPERIENCE

Associate Technical Consultant, [Jul 2021 – Aug 2023]

WNS-Vuram Technologies, Chennai | India

- In KONE, Led the development & delivered the module "Competency" enabling controlled access for pool users across regions, **improving access configuration efficiency by 40%**.
- Revamped and optimized South Australia's land acquisition system for the SL Planning client project using appian, enhancing web functionality and, resulting in **25% boost in processing efficiency**.
- Integrated third-party services using Flask and RESTful APIs, increasing service reliability with **reducing response time by 20%** and boosting overall system functionality using **Postman**.
- Collaborated with cross-functional teams during KONE production deployments, optimizing its workflows through active log monitoring and achieving **15% faster issue resolution** by proactive support.
- Incorporated **LLM-powered services** into geospatial workflows, boosting speed & accuracy while reducing manual effort by 30% in collaboration with CRM and development teams.
- Collaborated with IT infrastructure & support teams to align development efforts with backend upgrades during deployment, ensuring seamless operations and **reducing production disruptions**.
- Supported in **deploying critical system updates and security patches** through coordinated validations and logs, ensuring compliance with organizational timeliness and enhanced system stability.
- Created documentation including design specifications & release notes in JIRA for stakeholder transparency. **Recognized by TDM & BA** for consistently meeting sprint goals and achieving **90% team satisfaction**.

Intern (Developer), [May 2021 – Jul 2021]

Tata Consultancy Services, Chennai | India

- Contributed as Scrum master and coordinated API integration efforts for third-party tools.
- Supported **QA automation efforts** and improved test case coverage by 25% with reduced UAT bug rates.
- Contributed to the development of a Python-based application for AIG to detect user experience through facial expressions, **improving prediction accuracy by 15%.**
- Resolved UI and logic issues in low-code enterprise **dashboards, reports, and forms**, enhancing user experience and improving **load performance** across key business workflows.

CERTIFICATIONS AND AWARDS

- Minor in AI and Data Science – Indian Institute of Technology (IIT) (In Progress).
- Software Development .Net and React through Udemy in 2025.
- AWS Cloud Practitioner Certificated in 2024.
- Appian Associate Developer Certificated in 2023.
- Achieved “THE JOY OF COMPUTING PYTHON” certification in ELITE category through NPTEL in 2021.
- Conducted Webinar with association with ICT Academy in the topic of “Employability Skills for The Future” in 2021.

EDUCATION AND TRAINING

Master of Science in Cloud Computing [Sep 2023 – Nov 2024]

National College of Engineering, Dublin | Ireland

Modules: Cloud Architecture, Cloud DevOpsSec, Blockchain Technology, Cloud Machine Learning, Scalable Cloud Programming, Fog and Edge Computing, Data Governance, Research Thesis

Bachelor of Engineering in Computer Science [Aug 2018 – May 2022]

Anna University, Chennai | India

Modules: Data Structure, Agile Methodology, DBMS, Internet of Things, Mobile Computing, SPM, Software Testing, OOPS, Deep Learning, Big Data & Analytics

PROJECTS

Ecommerce System / **Cloud Platform Programming**, Nov 2023

- Built with Flask + React & Deployed on AWS Elastic Beanstalk, implemented static code analysis using Pylint & SonarCloud.
- Emphasized system scalability with DynamoDB, Lambda, API Gateway and live performance through CI/CD pipelines.

Cloth Manufacturing Safety simulation / **Fog & Edge**, Apr 2024

- Developed simulation of an edge-based IoT system using eclipse under maven project for clothing manufacturing industry.
- Achieved a 30% bandwidth reduction compared to traditional cloud systems, enhancing scalability and cost-efficiency.

Optimizing Healthcare Framework / **Research Thesis**, Sep 2024

- Researched methods to enhance Generative AI model accuracy and efficiency in healthcare applications.
- Ensured ethical compliance by using anonymized sensitive data for model training.
- Conducted experiments using custom AWS Bedrock and AWS SageMaker with Hyperparameter tuning.
- Successfully improved the quality & contextual relevance of AI-generated content through systematic evaluation & feedback.
- Enhanced AI model performance by implementing structured ranking methodologies.

Web3 application | **Blockchain**, Apr 2024 - A React based NFT minting application, deployed on the Sepolia test ether network.

Personal Portfolio, May 2025 - Built and hosted a personal portfolio (react with tailwind)–[Live Link](#)

Others - [GitHub](#)