

Yuvraj Gupta

✉ mail.yuvrajgupta@gmail.com

☎ +91 9980172503

in LinkedIn

📍 Bangalore, India

EDUCATION

International Institute of Information Technology, Bangalore

May 2021

Post Graduate Diploma in Machine Learning and Artificial Intelligence

CGPA: 3.20/4

- Created a Melanoma detector, a CNN based model in Tensorflow to identify melanoma in patient images using various data augmentation techniques

The National Institute of Engineering (NIE), Mysore

Jun 2015

Bachelor of Engineering, Information Science and Engineering

CGPA: 8.08 /10

- Students Activities Coordinator of IEEE Students' Club of NIE
- Authored a research paper on a new technique to actively monitor and regulate vehicular emissions to reduce environmental impact of the same

PROFESSIONAL EXPERIENCE

CITIUSTECH HEALTHCARE

Bangalore, India

CitiusTech is a global health information technology company specializing in data management, consulting, digital engineering, and AI for healthcare organizations

Technical Lead - II - Development

Oct 2023 - Present

CLIENTS: Intelligent Medical Objects (IMO), Merative Imaging

- Spearheaded** an engineering initiative to modernize legacy delivery systems, leveraging cloud technologies and direct customer engagement, **leading to an organizational shift to cloud-based solutions** and resulting in a 20% increase in annual client revenue
- Optimized quality assurance processes** by migrating legacy data delivery systems to a serverless architecture using AWS Lambda, reducing manual QA effort from 4 hours to 15 minutes per release
- Directed** comprehensive quality audits across multiple projects, leading to significant improvements in project health, efficiency, and compliance with organizational standards
- Led an initiative to implement Test Driven Development (TDD)** across a team of 8 senior developers and software testers, resulting in a 30% reduction in technical debt through targeted code refactoring, improving code quality, and fostering a culture of continuous improvement

Technical Lead - I - Development

Oct 2021 - Oct 2023

CLIENT: Intelligent Medical Objects (IMO)

- Led** an initiative to upgrade incident response times from 30 minutes to 5 minutes and enhanced monitoring for critical, client-facing applications by integrating New Relic and PagerDuty. Collaborated with Site Reliability Engineers (SREs) to modernize infrastructure provisioning using Terraform, improving system stability and operational efficiency
- Maintained** tools for medical sites, managing both legacy (C# .NET) and modern (Python, ASP.NET) technologies with a team of 8-10 developers and QAs
- Managed** technical aspects of projects using agile methodologies, serving as a Scrum Master for Quality of Delivery (QOD) and Management & Evaluations (M&E)
- Simplified iteration planning and backlog grooming** by leading an agile transformation as Scrum Master, reducing iteration time from 15 to 10 days and saving 4-5 days per release, while enhancing team efficiency and collaboration

SIEMENS HEALTHINEERS

Bangalore, India

Siemens Healthineers is a global medical technology company that pioneers breakthroughs in healthcare through innovative diagnostic imaging, advanced therapies, and digital health solutions

Senior Engineer - Design and Development

Jul 2016 - Oct 2021

- Drove** the development of a **first-of-its-kind AI tool** that automated the classification of PET-CT scan findings, enhancing diagnostic accuracy between benign and malignant tumors. This innovation boosted software revenue by **30%** and was featured at major, global industry events
- Identified and resolved** a critical bug in a legacy system affecting patient data loading in China. Collaborated across teams to deliver a timely fix, significantly enhancing customer satisfaction, as reflected in the annual satisfaction survey
- Conducted** key software usability issues during multiple Clinical Evaluation Sessions, positively influencing software development with feedback aggregation techniques

Systems Engineer - Design and Development

Jul 2015 - Jul 2016

- Contributed to the transition from manual testing to automation, successfully automating over **150 critical test cases** within 4 months using an in-house tool. This reduced manual testing burden and improved efficiency, earning recognition from management for rapid adoption
- Designed and developed** new application functionalities/modules for *syngo.via*, one of the oldest and most widely used medical imaging product, by actively collaborating with senior team members and project architect

SKILLS AND ACTIVITIES

- Received **Outstanding Student Branch award** for 2013 in the entire state (Karnataka). Secured sponsorships for major college fests and events from reputed businesses like McDonalds, etc.
- Received multiple client appreciations for innovative project deliverables to solve client problems along with **Star Performer award** for two consecutive project cycles out of 250+ employees. Volunteered for: UNESCO's initiative to prevent neonatal child deaths, local NGOs in Mysore to teach employable skills to youth
- Technical skills:** Python, C# .NET, Angular, ASP.NET AWS, SQL, Git, JIRA, SAFe 5 certified Scrum Master
- Languages:** English, Hindi, Punjabi, Kannada; **Interests:** PC Gaming, Reading, Debates, Exploring tech trends

ADDITIONAL INFORMATION

Authored a research paper on development of a system to monitor and regulate the impact of vehicular pollution on the environment in the International Journal of Engineering Research and Technology (IJERT) in 2015 ([IISN: 2278-0181](#))