

# Vijayalakshmi Ramu

<https://www.linkedin.com/in/vijiramu> <https://github.com/Viji-qmofi>

## SUMMARY

Software developer with a strong foundation in Java, Spring Boot, React, and REST APIs, combined with 7+ years of experience in IT support and quality assurance. Proven ability to take ownership of technical responsibilities, analyze requirements, and deliver reliable solutions. Seeking a junior developer role where I can build real-world applications, collaborate with cross-functional teams, and continue growing as a software engineer.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript

**Frameworks:** React, Spring Boot

**Tools:** MySQL Workbench, Git, Postman

## EXPERIENCE

### Student - LaunchCode

(Aug 2025 - Mar 2026)

### LaunchCode Capstone Project - News Web Application

A responsive React-based news application that fetches and displays real-time news by category, allows users to bookmark articles, and includes integrated weather and calendar features.

- Developed a modular React application using functional components, hooks (useState, useEffect), and React Router for dynamic category-based navigation and routing.
- Built a news aggregation system that consumes the GNews REST API, handles invalid routes, manages loading and error states, and dynamically renders headline and grid-based news content.
- Implemented advanced UI features such as article modals, bookmark persistence with localStorage, lazy-loaded images, and responsive layouts
- Enhanced user experience with animated weather effects using CSS keyframes and modern UI design practices
- Deployed the application using Netlify <https://mypage-react-news.netlify.app/>

**Tech Stack:** React, JavaScript (ES6+), HTML5, CSS3, React Router, GNews API, Local Storage, Netlify

## Programmer Analyst & Quality Management

**Kurious365** | May 2020 – Dec 2022

- Played a key role in validating the QMOFI systems for an ed-tech platform, ensuring feature accuracy and system reliability
- Gathered and analyzed client requirements and created detailed requirement and test documentation
- Designed and executed test suites for functional, regression, and API testing
- Reviewed functional and technical design documents to ensure alignment with business requirements
- Integrated Allure reporting to generate automated and detailed test reports

### Key Functional Areas Tested:

- Role-based access control and profile management (Admin, Staff, Parent, Student)
- Classroom scheduling, course materials, assignments, and submissions
- Notifications, messaging (email, SMS, chat), and enquiry management
- Invoice scheduling, payment processing, recurring billing, and receipt generation

**Tools & Technologies:** Python, Pytest (POM), Selenium WebDriver, Cucumber (Behave), Postman, REST APIs, SQL, HTML, CSS, Agile

## Programmer Analyst

**Swinsoft Technologies** — Client: Microsoft Corp, CA

Feb 2007 – July 2008

- Performed integration, regression, scalability, recovery, and compatibility testing for IPTV products
- Led quality assurance efforts for Build Verification Testing (BVT) to ensure product readiness
- Validated impairment and blackout functionality prior to release to broader test teams

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## PRIOR EXPERIENCE

- Accenture India — 2006
- Wipro Technologies India — 2005
- CMS Computers India — 2004
- Accel Software Technologies India — 2002 – 2003

## EDUCATION

- **LaunchCode** — Software Development, *Expected March 2026*
- **IGNOU, India** — MBA, Resource Management, 2010
- **University of Chennai** — M.Sc. Computer Science, 2001