

DEJOE VARGHESE JOHN

(929) 977-9929 • Newark, NJ 07103 • dejojohn@gmail.com • github.com/dej0e • dejoe.dev • linkedin.com/in/dejoe

EDUCATION

New Jersey Institute of Technology, Newark, NJ

Exp. Grad: May 2025

Master of Science in Computer Science

GPA: 4.0

Relevant Coursework: Data Structures and Algorithms, Operating Systems and Design, Database Management and Design, Artificial Intelligence, Web Systems Development

Sardar Vallabhbhai National Institute of Technology – NIT, Surat

Jun. 2016

Bachelor of Technology in Computer Engineering

TECHNICAL SKILLS

Programming Languages: Java, Kotlin, Swift, Python, C#, HTML, CSS, Javascript

Databases: MongoDB, MySQL, PostgreSQL, SQLite3, SQL, DynamoDb

Frameworks: Android, iOS, Spring Boot, Django, JavaFX, Bootstrap, React, React Native, Angular, RabbitMQ, Flask

Tools: Android Studio, XCode, AWS, GCP, Azure DevOps, Git, Jira, Bitbucket, Jenkins, ArgoCD, Docker, Kubernetes

WORK EXPERIENCE

Lead Software Engineer, Infrd Inc.

Oct. 2020 – Aug. 2023

- **Transformed** a legacy tech stack system to a **high-performance, low latency, scalable SaaS system capable of handling 100 million requests**, using 10+ microservices and 5+ AWS lambda functions.
- **Designed and architected** MVVM-based real estate mobile applications for **iOS and Android** platforms with approximately 10,000 user base for a publicly traded mortgage corporation in the US with assets of ~\$700M.
- **Boosted data extraction accuracy from 75% to 98%** by developing customized client-specific backend services using **REST API, Java Spring Boot, MongoDB**, and training **machine learning (ML) models**.
- **Ensured on-time project delivery** by implementing effective project management strategies and **technical leadership** in a **mobile-first team** for **Android** and **iOS** applications and a **full-stack team**.
- **Led cross-functional scrum/agile teams** to achieve strategic project milestones and deliverables, **contributing to a revenue increase of approximately \$500K**.
- **Chaired product and technical meetings** to facilitate stakeholder and inter-team communication, improving requirement analysis clarity, increased productivity, and successful project management and delivery.

Senior Software Engineer, Infrd Inc.

Oct. 2018 – Oct. 2020

- **Developed MVPs for mobile applications and web platforms** through API development, ensuring technical feasibility and alignment with project requirements.
- Incorporated new features based on market research and customer needs, improving app usability.
- **Mentored over 15 new hires** in advanced programming techniques, requirement analysis, codebase familiarity, best practices, and processes during comprehensive onboarding.
- **Achieved a 70% decrease in defects and change requests** by implementing SONARQUBE static code analysis, compliance with coding standards, **standardizing code reviews**, leading pair programming sessions, and improving analytical and problem-solving skills.

Software Engineer, Infrd Inc.

Sep. 2016 – Oct. 2018

- **Reduced mobile app crashes by 80%**, leading to a **75% user retention** by following test-driven development (TDD) methodologies, automated unit test suites using JUnit, Mockito, and **increasing code coverage to 70%**.
- **Collaborated with a team of 5 engineers to increase user engagement by 80%** by implementing new features in the application and refactoring existing code to improve performance.

ACHIEVEMENTS & INTERESTS

- **Founding Organizer** of India's largest Community Hackathon, **InOut**, the inception of innovative startups.
- **Initiated Google Developer Group NIT Surat** to bridge young engineers with industry pioneers.
- Hobbies: Photography, Culinary Art, Motorcycling, Formula 1