

# Palaneappan K Rajalingam

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## EDUCATION

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### PSG College of Technology

*Bachelor of Science in Computer Technology*

Coimbatore, India

*Jun. 2010 – May 2013*

## EXPERIENCE

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### Product Technical Lead

*Edgeverve Systems, An Infosys Company*

Sep. 2019 – Present

*Bangalore, Karnataka, India*

*Finacle Channels Product (Spring Boot)*

*Sep. 2019 – Present*

- Led multiple teams in building a Finacle Digital Banking platform
- Took initiatives to improve DevEx productivity improvements in the process hence reducing the overhead elapsed time
- Conducted Hackathon at unit level to leverage and motivate the team to achieve tangible goals in short time
- Identified inefficiencies in the Dev process and subdued it using tools and AI
- Created Architecture design for end to end API design for Corporate Dashboard service
- Key Technologies & skills: Engineering leadership, Team growth, Java, Spring Boot, Kubernetes, Docker, Jenkins, Junit, Kafka, Redis

*Finacle Mobile Banking Product*

*Sep. 2019 – Present*

- Spearheaded the architecture and development of a mobile banking platform supporting cross-platform and hybrid frameworks, adopted by over 6 financial institutions worldwide
- Directed a cross-functional team of 10+ developers, fostering collaboration and driving innovation that boosted deployment speed by 25% and improved solution quality
- Collaborated with 5+ vendors and FinTech partners, ensuring smooth project execution and alignment with business objectives, which led to a 20% increase in project delivery efficiency
- Developed and implemented custom CLI tools and scripts, enhancing team productivity by reducing manual tasks and cutting down project time by 40%
- Championed mobile app security enhancements by implementing industry-leading practices, reducing security vulnerabilities and securing critical mobile transactions to meet compliance standards
- Key Technologies & Skills: Team Leadership, Swift, Cordova, React Native, FinTech Integrations, Vendor Management, CI/CD Automation

### Senior Software Engineer

*Skava Systems, An Infosys Company*

Jul. 2015 – Aug. 2019

*Bangalore, Karnataka, India*

- Spearheaded key projects for major retail clients (Adidas, Reebok, LLBean, Apple), delivering high-performance in-store solutions that boosted transaction efficiency by 30% across all the stores
- Developed React.js / Typescript based web app for a small module
- Directed cross-platform development on iOS and Windows, integrating payment solutions and inventory systems to enhance operational
- Coordinated with global teams, driving feature enhancements and optimizing performance by 70%, leading to 50% faster project deliveries for enterprise clients
- Key Technologies & Skills: Project Leadership, iOS Development, React.js, Typescript, Windows Development, Third-Party Integrations, Cross-Functional Collaboration

### Programmer

*Cognizant*

Jun. 2013 – Jun. 2015

*Chennai, Tamil Nadu, India*

- Conducted code analysis, bug resolution, and implemented long-term solutions for MetLife's Group Life products, enhancing system reliability and reducing incidents by 66%
- Gained expertise in legacy systems and batch processing, driving a 50% improvement in incident resolution times, contributing to system stability for mission-critical applications
- Key Technologies & Skills: Incident Management, COBOL, VSAM, DB2, Batch Processing

## PROJECTS

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- Flow Visualizer** | *TypeScript, React.js, Python* Mar 2025
- Developed a web-based visualization tool to analyze and display API flow patterns across multiple backend hosts
  - Built interactive UI using React.js and TypeScript with data extraction scripts in Python for comprehensive flow analysis
  - Designed to help developers and system architects understand microservices communication patterns and optimize system performance
- ExpenseTracker** | *Swift, iOS* Nov 2024
- Created a native iOS application for tracking daily expenses with intuitive user interface and data persistence
  - Implemented Core Data integration for local storage and expense categorization features
  - Designed clean, modern UI following iOS Human Interface Guidelines for optimal user experience
- Expo Encryptor** | *Swift, TypeScript, Kotlin* May 2024
- Developed a cross-platform encryption module supporting AES GCM 256-bit and RSA algorithms for React Native applications
  - Implemented native modules for iOS (Swift) and Android (Kotlin) with TypeScript bindings for Expo framework
  - Created comprehensive security solution ensuring data protection across mobile platforms with MIT license for open-source community
- Encryption Spring Boot Example** | *Java, Spring Boot* Apr 2024
- Built a demonstration Spring Boot application showcasing enterprise-grade encryption and decryption techniques
  - Implemented secure data handling patterns and best practices for Java-based backend systems
  - Designed as a reference implementation for developers working with sensitive data in Spring Boot applications
- TaskScheduler** | *JavaScript, Node.js* Nov 2023
- Created an automated task distribution tool for efficient team workload management using Excel integration
  - Developed algorithm to analyze team member capabilities and automatically assign tasks based on workload balancing
  - Built command-line interface with Excel file parsing to streamline project management workflows

## LEADERSHIP & COMMUNITY IMPACT

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- Co-Founder, Ethirkol Foundation** | *Non-Profit Organization* Mar 2018 – Jan 2022
- Co-founded a non-profit organization dedicated to spreading mental health awareness and providing accessible support services
  - Developed an online portal connecting users with mental health professionals, democratizing access to psychological support
  - Led strategic initiatives to bridge the gap between mental health resources and community needs through technology solutions

## TECHNICAL SKILLS

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**Languages:** Java, Swift, JavaScript, TypeScript, Python, SQL  
**Frameworks & Technologies:** Spring Boot, React.js, React Native, Cordova, Node.js  
**Cloud & DevOps:** Kubernetes, Docker, Jenkins, CI/CD Automation, AWS  
**Databases & Tools:** PostgreSQL, Redis, Kafka, Git, Maven  
**Leadership & Management:** Engineering Leadership, Team Growth, Vendor Management, Cross-Functional Collaboration