

# Yogita R Nair

Assistant System Engineer

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Results driven software engineer with 2 years of experience in the FinTech industry, specializing in financial solutions and payment systems. Expertise in switch operations , card payment processing, and transaction management for ATM , POS , and e-commerce platforms. Skilled in debit card management and possess strong technical proficiency in C++ , UNIX and SQL. Proven track record in client management and effective communication. Committed to delivering innovative solutions in the rapidly evolving financial technology sector.

## SKILLS

C++ | Linux | SQL | PL/SQL | C | Java | Shell Scripting | Multithreading | Debugging | HTML | Manual Testing | Strong Communication | Work Management | Teamwork | Team Management | Client Relationship Management | VMware | Micro soft 365 | Kotlin | Android framework development | Performance Optimization | Debugging Tools | Android SDK | Core Java | Android Debugger | Android Studio IDE | Excel

## EMPLOYMENT HISTORY

**Assistant System Engineer | Tata Consultancy Services ( TCS ) , Mumbai**

**2022 - 2024**

BaNCs Cards, a key initiative within TCS's Financial Solutions domain, delivers comprehensive Fintech services on a global scale. This robust platform facilitates a wide array of card-related transactions, including ATM and EFTPOS operations. The project encompasses advanced modules for card issuance and end-to-end lifecycle management, enabling financial institutions to streamline their card operations and enhance customer experiences. By leveraging cutting-edge technology, BaNCs Cards empowers clients to navigate the complex landscape of modern payment systems efficiently and securely.

### Responsibilities:

- Worked in switch, Cards in payment domain.
- Implemented developments for ATM, POS, ECOM transactions, and Debit Card management.
- Collaborated with clients from third-party vendors to use communication channels and standard format such as ISO 8583
- Integrated multiple switches like Cuscal, Fdra, Fiserv, Narada, Base24, Postilion, and Smartvista.
- Developed functionality to perform the file-based transaction for settling IPM files from Master-card.
- Worked on developing Authorization and settlement of transactions .
- Developing reliable and reusable code with zero defects. Maintain the code repositories on GIT.
- Performed necessary code changes for Visa Mandate for multiple clients.
- Spearheaded the development of RTC transactions for MBL, South Africa.
- Digital Cards with REST API, Unix, Shell script (bash/shell), SQL, PLSQL, C++

## INTERNSHIPS

**Technical Content Writer | Belearno**

**2020 - 2021**

As a Technical Content Writer at Belearno, a 24/7 Edu gaming scholarship software company, I created SEO-optimized technical content for real-time clients, refining my expertise in SEO strategies and content optimization. This role allowed me to develop in-depth, industry-specific content tailored to the Edu gaming and scholarship software sector while ensuring clarity and engagement. By applying technical writing principles, I contributed to enhancing content visibility and user experience, strengthening my ability to translate complex concepts into accessible and compelling narratives.

## EDUCATION

**B.Tech (Honours) | APJ Abdul Kalam Technological University**

**2018 - 2022**

**12th (CBSE) | Kulapathi Munshi Bhavans Vidya Mandir , Pottore**

**2017 - 2018**

**10th (CBSE) | Kulapathi Munshi Bhavans Vidya Mandir , Pottore**

**2016 - 2017**

## PROJECTS

### Online Proctoring System using Machine Learning

2021 - 2022

Developed an AI-driven smart exam proctoring system to simplify evaluation processes for professors, colleges, and students. Reduced manual effort, saved time, and improved fairness by automating online exam proctoring using webcams. Integrated behavior estimation features, such as person count and phone detection, to identify potential cheating instances.

## CERTIFICATIONS

Architecting with Google Compute Engine Specialization at Coursera  
Essential Google Cloud Infrastructure : Core Services at Coursera  
Reliable Google Cloud Infrastructure: Design and Process , at Coursera  
Android Kotlin Fundamentals Course at DSC VAST

## LANGUAGES

English | Hindi | Malayalam

## HOBBIES

Reading   Baking   Blogging   Sketching