

Kishan Prajapati

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Innovative and detail-oriented Computer Science graduate with strong expertise in mobile application development, software engineering, and database management. Skilled in designing and implementing scalable solutions. Proven ability to develop cross-platform applications, optimize system performance, and integrate cutting-edge technologies. Passionate about creating seamless user experiences and solving complex problems through efficient coding practices. Seeking a challenging IT role to leverage my technical skills and project experience in a professional environment.

Technical Skills

Programming Languages:

- C, C++
- TypeScript
- Java
- HTML
- CSS
- JavaScript
- R

Tools & Technologies:

- Version Control (Git, GitHub)
- IDEs: Android Studio, Visual Studio, RStudio, React-Native
- Cloud Computing (Firebase Cloud Storage, Google Cloud Platform)
- API Integration & Development (RESTful API)
- Networking & Security (Cisco Packet Tracer)
- Database Management (MySQL, MongoDB, Firebase Firestore)

Software Development Practices:

- Agile Development
- Object-oriented programming (OOP)
- Software Development Lifecycle (SDLC)

IT Projects

Real-Time E-Commerce Android Application

Technologies: Android Studio, Firebase, Java, XML

- Engineered a dynamic e-commerce platform with seamless user authentication, real-time database integration, and robust product management.
- Integrated **Firebase** for secure user login and registration, leveraging Firebase Realtime Database to efficiently store and retrieve product data.
- Designed an intuitive and engaging user interface using XML and Java, implementing advanced features such as intelligent product search, optimized cart management, and a streamlined order placement process.

Self-Checkout System (Clone of TESCO)

Technologies: Java, Visual Studio

- Built a high-performance self-checkout system replicating the TESCO interface using Java.
- Implemented real-time barcode scanning, automated total price calculations, and user-friendly payment simulation module.
- Enhanced customer experience by developing a responsive and intuitive Java-based application with optimized

transaction workflow.

Network Simulation

Technologies: Cisco Packet tracer

- Architected and simulated a multi-country network to facilitate efficient packet transmission between geographically dispersed locations.
- Configured and secured routers, switches, and firewalls to enable safe and reliable data transfers.
- Strengthened network performance through comprehensive troubleshooting and in-depth packet flow analysis.

Database-Driven Inventory Management System

Technologies: MySQL, Java

- Developed a feature-rich desktop application for streamlined inventory management, integrating Java for front-end interactivity and MySQL for backend reliability.
- Implemented optimized CRUD operations, incorporating advanced search and filtering capabilities for enhanced data management.
- Elevated system performance by fine-tuning SQL queries and accelerating data retrieval speeds.

UniScan – Mobile Application for University Students

Technologies: React Native, Firebase, Google Vision API, OpenAI API, Translation API, TypeScript, HTML, CSS

- Designed and deployed UniScan, an innovative mobile application empowering university students to scan handwritten notes, digitize typed documents, and extract text from PDFs with precision.
- Integrated **Google Vision API** to achieve high-accuracy text extraction from images and PDFs, streamlining the document digitization process.
- Leveraged **OpenAI API** to summarize lengthy documents, providing concise insights for enhanced study efficiency.
- Enabled **Google Translate API** for real-time multi-language translation, ensuring better accessibility for diverse user groups.
- Implemented **Firebase** backend solutions to facilitate seamless data storage, retrieval, and synchronization, enhancing the app's responsiveness.
- Engineered a cross-platform mobile solution using **React Native, TypeScript, HTML, and CSS**, delivering a smooth, interactive user experience.

Professional Experience

Manager – Entain (Feb 2024 - Present)

- Monitored customer interactions to ensure compliance with responsible gambling policies and regulatory requirements.
- Investigated and responded to alerts from the head office regarding suspicious transactions or betting fraud.
- Maintained a secure and fair betting environment by identifying and mitigating potential fraudulent activities.

Crew Trainer – McDonald's (Aug 2022 – July 2023)

- Led and trained new team members, improving service efficiency and staff performance.
- Managed fast-paced customer interactions, ensuring high-quality service under pressure.
- Assisted in daily operations, stock management, and customer complaint resolution.

Customer Assistant – Tigerbay Lounge (Feb 2022 – June 2022)

- Provided excellent customer service, ensuring a welcoming and enjoyable guest experience.
- Assisted in managing orders and maintaining cleanliness in a high-energy environment.
- Support staff in coordinating daily operations and handling customer inquiries.

Education

University of West London – London, England

BSc Computer Science (Hons) | Graduated: 2025

Ryan International School – Surat, India

Higher Secondary (Science) | Graduated: 2019

References are Available upon request.