

AKSHAY PATEL

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OBJECTIVE

Graduate Software Engineer with over 4.5 years of experience in software development specializing in mobile applications. Notable projects include the creation of a real-time luggage tracking system and migration of user data to secure cloud. Focused on leveraging diverse experiences to contribute to innovative product development and continuously enhance skills.

TECHNICAL SKILLS

Python, Java, JavaScript, TypeScript, React-Native, MySQL, HTML/CSS
Prompt Engineering, Machine Learning, GitHub, Xcode, Android Studio
Django, TensorFlow, AWS, SQL, GraphQL, RESTful web services

PROFESSIONAL EXPERIENCE

e-Infochips, Gujarat, India - Software Engineer Nov. 2022 – Aug. 2023

- Implemented distributed systems capable of handling **high traffic** for IoT devices and Managed **PostgreSQL** relational databases
- Resolved **50%** of high-priority app issues within **24 hours** with **unit test case**, ensuring **99.9%** uptime.

Moon Technolabs Pvt. Ltd., Gujarat, India - React-Native Developer Feb. 2019 – Nov. 2022

- Developed high-performance mobile apps with React-Native, achieving **95%** rating on iOS/Android.
- Migrated user data from legacy systems to **Firestore**, ensuring **data security** and implementing access controls for user roles.
- Utilized my expertise in both Android Studio and Xcode to identify and fix **critical bugs**, contributing to a **70%** uptime for apps.

Virtual Heights Pvt. Ltd., Gujarat, India - Python Engineer Intern Jul. 2018 – Feb. 2019

- Securely transmitted real-time data from **Raspberry Pi** to the cloud with robust **encryption protocols**, ensuring data integrity.
- Developed a **fingerprint** access module, **integrating hardware** and Python to deliver innovative **security solutions**.

PROJECTS

PENTAIR | RN, Animation, Wi-Fi & Bluetooth service Nov. 2022 - Aug. 2023

- This app provides instructions and the **real-time monitoring** of **IoT devices** used for Effortless pool care at your fingertips.
- Redesigned module UI, updated code to align with the new React Native, **reduced** app size, and increased user engagement.

SEEKRZ | RN, Animation, Firebase, AWS | **iOS App** | **Android App** May 2021 - Nov. 2022

- A streetwear fashion platform for buying, selling, and trading new and own luxury sneakers, clothing, accessories from top brands
- Drove app responsiveness by implementing memory caching and asynchronous data loading, increased user engagement by **20%**.
- Implemented photo capture feature, storing images locally and uploading them on **S3 bucket**, optimizing app speed by **30%**.

HEIRLIST | RN, Animation, Firebase | **iOS App** | **Android App** May 2021 - Nov. 2022

- App gathers information about deceased individuals; family members register and answer questions to obtain a report.
- Engineered a module for seamless transition between online and offline(**local storage**) mode switching, resulting in a **25% boost** in speed.
- Developed of custom animations and UI components, achieving a **60%** improvement in app smoothness and a **10%** reduction in app size.

CHALLENGER | RN, Map, Firebase Sep. 2019 – May 2020

- Developed a sports-centric app featuring intuitive search and **matching algorithms** to connect users and enable friendly challenges.
- Designed a live countdown feature for matches, real-time timer tracking, **improving** player experience and gameplay **efficiency**.
- Streamlined player communication and boosted engagement by **30%** by developing chat modules, minimizing reliance on external apps.

SQLITE - Browse Editor Manager | RN, SQLite | **Android App** May 2019 – Jul. 2020

- Implemented a feature allowing offline data management through **local database** creation/import and in-app editing capabilities.
- Developed a multi-format data export solution (**.csv**, **.xlsx**, etc.) and report generation capabilities, leveraging DB files for data analysis.

i-DETECT | Python, Raspberry-Pi, MySQL Jul. 2018 – Feb. 2019

- Developed a real-time luggage tracking system with **Raspberry Pi** and **Django**, enhancing user experience and security during travel.
- Increased bag security by **70%** by designing and implementing a fingerprint authentication system using a Raspberry Pi.
- Architected and built a Django-based website, focusing on user accessibility and facilitating **real-time tracking** across diverse platforms.

EDUCATION

MS in Computer Science at San Francisco Bay University, Fremont, CA (GPA: 3.99) Aug. 2023 – May. 2025

BS in Information Technology at Gandhinagar Institute of Technology, Gandhinagar, India (GPA: 3.38) May 2015 – Apr. 2019

AWARDS / CERTIFICATES

- 1st Prize in Prompt Engineering Contest at SFBU (2024)
- "Oracle Cloud Infrastructure 2024 **Generative AI** Certificate" (2024).
- Recognized with "**Megastar of Hybrid Technology**" award twice at Moon Technolabs Pvt. Ltd. (2021/22) for a highly preferment app.
- I was awarded "**Employee of the Month**" at Moon Technolabs Pvt. Ltd. (2019).