

AKSHAY PATEL

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PROFESSIONAL SUMMARY

Results-oriented Software Developer with 4.5+ years of experience specializing in **backend development**, and **mobile applications**. Proficient in **Python**, **AWS**, **React Native**, and **GraphQL**, with a proven track record of designing **scalable**, **high-performance systems**. Strong expertise in **building secure architectures**, **optimizing cloud infrastructure**, and **developing intuitive mobile experiences**. Passionate about **solving complex technical challenges** and **collaborating with cross-functional teams**.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Java
Front-End & Mobile: React, React Native, Redux, HTML, CSS, GraphQL, Xcode, Android Studio
Back-End & Databases: Django, Node.js, GraphQL, PostgreSQL, MySQL, SQLite, Firebase, RESTful APIs
Cloud & DevOps: AWS (S3, Lambda, EC2), CI/CD Pipelines, Docker, Caching, Load Balancing
Tools & Methodologies: GitHub, Agile/Scrum, Unit Testing, Code Reviews, Prompt Engineering, ML, AI

EXPERIENCE

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

- Work on **AI-powered dashboards & Mobile app** using **React-Native**, **TypeScript** and **AWS**, improving performance by **40%**.
- Developed **scalable backend services** using **TypeScript** and **PostgreSQL** to support high-traffic **IoT applications**.
- Created **AWS Lambda functions** for real-time event processing, improving system performance.
- Designed **distributed systems** for IoT devices, improving **real-time data processing efficiency** by **40%**.
- Resolved **50%** of high-priority issues within **24 hours**, ensuring **99.9% system uptime**.

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

- Developed **cross-platform mobile applications** with **React Native**, achieving **95%+** user satisfaction.
- Implemented **real-time chat & push notification** features using **WebSockets & Firebase**, reducing third-party dependencies.
- Built **custom animations**, **lazy loading** and **UI components**, improving app responsiveness and **UX** by **30%**.
- Integrated **AWS S3-based media uploads**, improving app speed by **30%**.
- Conducted **code reviews** and implemented **unit tests**, maintaining a **99% bug-free codebase**.

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

- Engineered a **real-time IoT-based luggage tracking system** using **Raspberry Pi**, **Django**, and **MySQL**.
- Incorporated **secure data transmission with encryption protocols**, increasing security by **70%**.
- Developed a **Django-based web dashboard** for real-time monitoring of IoT devices, improving user accessibility.

PROJECTS

PENTAIR | *IoT, React-Native*

- Developed an **IoT-based real-time monitoring system** with **React-Native & AWS**, supporting **real-time visualization**.
- Refactored **UI/UX components** for better responsiveness, increasing user engagement by **25%**.

SEEKRZ | *GraphQL, AWS* | [iOS App](#) | [Android App](#)

- Built a **React-Native-based e-commerce application** with **GraphQL-powered backend** for **real-time AI recommendations**.
- Implemented **AWS S3-based media uploads**, improving app speed by **30%**.

HEIRLIST | *RN, Animation* | [iOS App](#) | [Android App](#)

- Designed an **offline-first architecture** to enhance usability, increasing system performance by **25%**.
- Refactored **React-Native components** for better state management using **Redux & Context API**.

i-DETECT | *Python, Raspberry-Pi, Django*

- Built a **real-time luggage tracking system** with **fingerprint authentication** for enhanced security.
- Designed a **Django-based web interface** for users to track their belongings remotely.

EDUCATION

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

Prompt-Engineering, Quantum Computing, Machine Learning, Algorithms, Advance Python, Web Programming

BS in Information Technology at Gandhinagar Institute of Technology, Gandhinagar, India May 2015 – Apr. 2019

C, Python, Java, Big Data, Computer Networks, System Programming, Artificial Intelligence, Data Structure

AWARDS / CERTIFICATES

- **1st Prize in Prompt Engineering Contest** – SFBU (2024)
- **Oracle Cloud Infrastructure 2024 Generative AI Certificate** (2024)
- “**Megastar of Hybrid Technology**” Award – Moon Technolabs (2021, 2022)
- “**Employee of the Month**” – Moon Technolabs (2019)