

# Afroze Khan Resume

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Principal Front-End Developer | Full-Stack and Mobile Engineering Lead

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## Professional Summary

Principal Front-End Developer with 8+ years of experience shipping production web, mobile, and backend systems across healthcare, connected devices, sustainability, commerce, public-sector, and marketplace products. Strong record in React, Next.js, React Native, Node.js, AWS, Azure, real-time systems, CI/CD automation, accessibility, and platform modernization. Delivered 9 projects, 8 mobile apps, 8 web apps, and 10 services, including healthcare dashboards, connected-device workflows, carbon tracking platforms, and consumer mobile commerce products.

## Core Skills

Frontend: React, Next.js, Svelte, JavaScript, TypeScript, Progressive Web Apps (PWA), accessibility, UI architecture, component systems, atomic design, data visualization.

Mobile: React Native, Android and tablet workflows, Bluetooth data collection, onboarding flows, mobile commerce, connected-device applications.

Backend and Cloud: Node.js, REST APIs, MongoDB, PostgreSQL, AWS, Azure, Firebase, MQTT, Server-Sent Events (SSE), centralized logging, observability.

Delivery and Leadership: Platform modernization, technical architecture, CI/CD automation, vulnerability scanning, release pipelines, test reporting, stakeholder collaboration, PR reviews, team guidance, remote delivery.

## Professional Experience

### Sleepiz AG - Principal Front-End Developer

Apr 2024 - Present | Full-time | India, Remote

- Led cross-platform modernization across healthcare product surfaces and connected-device experiences, improving reliability and delivery velocity.
- Authored the migration from React to Next.js, improving accessibility and reducing web app load time to 3-5 seconds.
- Built a centralized logging node to collect telemetry from remote devices and internal application services.
- Developed a real-time operational dashboard using Server-Sent Events (SSE).
- Converted the web application into a Progressive Web App (PWA) with integrated notifications.
- Automated GitLab CI pipelines for vulnerability analysis, releases, and test report generation.

### Sleepiz AG - Lead Mobile Developer

Aug 2022 - Apr 2024 | Full-time | India, Remote

- Owned Android and tablet product experiences for customer workflows and internal healthcare operations tied to connected-device usage.
- Improved onboarding flows where device data and SpO2 monitoring needed to feel dependable, understandable, and responsive in real use.
- Balanced fast delivery with long-lived maintainability across repeated production releases.
- Delivered and handed over a React Native mobile app for an external client to collect wearable data over Bluetooth.

## **Sleepiz AG - Senior Full-Stack Developer**

Sep 2021 - Aug 2022 | Full-time | Remote

- Built production web systems for sleep analytics, device data visualization, and real-time monitoring dashboards.
- Helped migrate the frontend architecture from React to Next.js to improve responsiveness, accessibility, and performance.
- Added stronger engineering foundations through MQTT, AWS logging pipelines, GitLab CI/CD, automated testing, and vulnerability scanning.

## **DROIDMAKK - Independent Full-Stack Developer**

Oct 2019 - Present | Freelance | Greater Chennai Area, India

- Delivered end-to-end systems across sustainability, operations, commerce, HRMS, marketplace, and social engagement products.
- Built a carbon tracking and land-management platform for plantation mapping, land measurement, and reporting across 10,000+ plantations.
- Designed and delivered platforms spanning marketplace discovery, HRMS complaint handling, field operations, audit workflows, and direct-to-consumer mobile commerce.
- Worked directly with stakeholders to convert ambiguous product ideas into practical architecture, admin tooling, and production-ready delivery plans.

## **Crewscale - Full-Stack Developer, Embedded Sleepiz Product Team**

Nov 2020 - Sep 2021 | Full-time | Chennai, India

- Worked as an embedded remote engineer on the Sleepiz product team across web, mobile, and service layers.
- Built features with Node.js, React, and React Native while supporting product groundwork that later expanded into direct Sleepiz roles.
- Contributed through PR reviews, release work, and day-to-day collaboration with engineering and delivery teams.

## **Crayon'd - Full-Stack Developer**

Mar 2019 - Nov 2019 | Full-time | Greater Chennai Area, India

- Built structured frontend and full-stack product experiences for public-sector and commerce use cases.
- Worked on a government healthcare platform for Tamil Nadu, improving form workflows and accessibility so core tasks became faster and easier to complete.
- Guided a small delivery group of experienced and junior developers while keeping implementation quality and pace aligned.
- Built e-commerce product surfaces with atomic design principles to improve reuse, consistency, and maintainability.

## **Paripoorna Software Solution Service Private Limited - Full-Stack Developer**

Sep 2017 - Mar 2019 | Full-time | Greater Chennai Area, India

- Built early full-stack systems across mobile, backend, cloud, and media workflows.
- Delivered OTT platform functionality across React Native mobile delivery and backend flows for media upload and processing.
- Worked with Azure-backed media pipelines to convert uploaded content into streamable assets for end users.

## **Selected Projects**

### **Carbon Tracking and Land Management Platform**

- Built a geospatial system for plantation boundary mapping, area calculation, growth tracking, and centralized reporting.
- Replaced spreadsheet-heavy workflows and enabled real-time tracking across 10,000+ plantations.
- Stack: React Native, Node.js, Google Maps API, AWS.

### **Field Operations and Audit Management System**

- Designed a system for project management, audit workflows, location-based data capture, media handling, and task tracking.

- Standardized field operations, reduced manual coordination overhead, and improved audit visibility.
- Stack: React Native, Node.js, location services, media handling.

### **D2C E-Commerce Mobile Application (Deyga)**

- Developed a cross-platform mobile app for product discovery, browsing, checkout, and scalable catalog growth.
- Deployed to app stores, improved user engagement, and handed over reusable UI architecture to the internal team.
- Stack: React Native, mobile commerce, UI architecture.

### **Gig Economy Discovery Platform**

- Built a near-production service discovery platform with profiles, search, media uploads, engagement features, and admin moderation.
- Combined marketplace functionality with social interaction for local service providers.
- Stack: Next.js, Node.js, AWS, location services, search.

### **Energy Monitoring Mobile Application**

- Built a React Native application to visualize energy data with time-based views, filters, and summary metrics.
- Improved data accessibility and made energy consumption trends easier to interpret on mobile.
- Stack: React Native, API integration, data visualization.

### **Additional Strengths**

- Comfortable owning product delivery from discovery through architecture, implementation, testing, release, and handover.
- Experienced in remote, cross-functional collaboration with product owners, founders, engineering teams, and operational stakeholders.
- Strong bias toward maintainable systems, production reliability, accessible user experiences, and measurable product outcomes.