

Aniruddh Bhilvare

Staff Software Engineer

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SKILLS

AI Engineering

Agentic workflows, Multi-agent orchestration, LLM API integration (Google Gemini), Prompt engineering, AI summarization, AI-assisted development (Claude Code, Warp)

Programming Languages

TypeScript, Java, Kotlin, Dart, Swift

Backend & Data

NestJS, Spring Boot, REST APIs, Microservices, Apache Kafka, Debezium, TypeORM, PostgreSQL, Elasticsearch

Mobile

Android SDK, iOS SDK, Flutter, Firebase, Couchbase Lite, SQLite

Cloud & DevOps

AWS (EC2, RDS, S3, SQS, Lambda, SES, CloudFront, Route 53), Docker, GitHub Actions

Telephony & Real-time

SIP, VoIP, Linphone, CallKit, APNS, Push notifications

SUMMARY

Staff Software Engineer with 13+ years across mobile and backend engineering, currently leading backend architecture for multi-tenant SaaS at Particle41 and building agentic AI developer tooling. I've led teams of up to 8 and set standards for system design, clean architecture, and code review.

WORK EXPERIENCE

Particle41 02/2024 – present
Staff Software Engineer Remote

- Led backend architecture and delivery for two multi-tenant SaaS products (Synemi and Nigel), directing a team of up to 7 and setting clean architecture and test-coverage standards
- Designed event-driven services on AWS (SQS/Lambda) for chat, email, and push notifications, and owned PostgreSQL schema, migrations, and financial features including subscription billing, credit balances, and A/R aging.
- Ran an internal initiative building AI-powered developer tooling: an "Agentic Software Factory" that generates applications directly from PRDs.

Soomuch.ai 02/2023 – 02/2024
Tech Lead Remote

- Delivered the core database schema, REST API layer, and Flutter mobile application for a multi-module SaaS platform serving educational institutions.

YUI Designs 03/2022 – 02/2023
Tech Lead Remote

- Led Android and iOS development of the MyCitroën connected-vehicle app, in collaboration with Tata Elxsi.
- Re-architected the iOS network layer to add refresh-token authentication.
- Authored security, requirements, and SDLC documentation to pass the Thales security audit.

Netrix Worldwide 07/2017 – 02/2022
Tech Lead Pune

- Built a cross-platform SIP/VoIP client for Android and iOS using Linphone, Couchbase Lite, and REST APIs.
- Developed a Spring Boot microservice with Apache Kafka to process real-time call data and audio recordings.
- Built a Java/Spring Boot reporting service backed by Elasticsearch.

Ecosmob Technologies 04/2013 – 07/2017
Tech Lead Ahmedabad

- Helped establish the company's first mobile application development practice across Android and iOS.
- Led an 8-member team delivering concurrent client projects across telecom, education, sports, and productivity domains.
- Owned requirement analysis, project estimation, and technical coordination with cross-functional teams across multiple concurrent projects.

EDUCATION & CERTIFICATIONS

Android Developer Nanodegree

Udacity

04/2016 – 08/2016

Remote

- Awarded a Tata Trusts and Google India scholarship for the Udacity Android Developer Nanodegree.
- Selected among the top 50 participants for the Android Career Summit at Google, Bangalore (Sep 2016).

M.E. in IT

L. D. College of Engineering (GTU)

2013 – 2015

Ahmedabad, Gujarat

B.E. in IT

L. D. College of Engineering (GTU)

2009 – 2013

Ahmedabad, Gujarat

- Cleared the Graduate Aptitude Test in Engineering exam with 98% percentile in 2013

PUBLICATIONS

Hybrid Framework for Detecting Malicious Apps in Android [↗](#)

07/01/2015

An Overview of Different Malware Analysis Techniques in Android [↗](#)

04/01/2015

PROJECTS

Synemi - HoA Management Platform [↗](#)

08/2025 – Present

Synemi is a multi-tenant community and association management platform.

NestJS, TypeScript, PostgreSQL, TypeORM, AWS (SQS/Lambda/SES)

Nigel

02/2024 – 01/2025

Multi-tenant admin backend for a restaurant management platform; powers management of franchise brands, restaurants, menus, and pricing across concepts.

Kotlin, Java, Spring Boot, REST APIs, PostgreSQL

MyCitroën Connect [↗](#)

03/2022 – 02/2023

Connected vehicle application for Citroën EV and ICE cars.

Android SDK, iOS SDK, Okhttp, Retrofit, Alamofire, Firebase, APNS, Google Map APIs

TetraVX nVX [↗](#)

07/2017 – 02/2022

A multi-channel cloud based VoIP client for enterprise customers of TetraVX.

Linphone, Android SDK, iOS SDK, Couchbase Lite, APNS, CallKit, Firebase, Deep Linking, REST APIs, Java, Spring Boot, Elasticsearch

Direct Sports Network [↗](#)

01/2016 – 06/2017

OTT app for sports content of Ice Hockey, Football, Nascar.

Android Leanback SDK, Amazon Fire TV SDK, REST API, Media Streaming, Custom Ad streaming

Polycab Connect [↗](#)

01/2017 – 06/2017

Royalty program to reward registered dealers, distributors and retails.

Android, Kotlin, REST API, Push notifications