

SANDEEP SINGH

Amritsar, Punjab, India

linkedin.com/in/sandeepsinghchandi | github.com/AIDevBuilds | aidevbuilds.com

Technical Lead | Backend & Full-Stack Engineering | Python, Node.js, React, Azure

PROFESSIONAL SUMMARY

Technical Lead with 13 years building production software across native mobile, cross-platform and full-stack web - Android and iOS, React Native, then React, Next.js and Node. Backend and API delivery since 2021; LLM-backed features on Azure OpenAI through 2025-26. Four internal promotions across two companies. Led mobile engineering teams of up to six. Moving toward architecture roles, with a focus on the reliability side of AI systems - retrieval correctness, evaluation and cost.

TECHNICAL SKILLS

Backend & APIs: Node.js, NestJS, Express.js, Python, FastAPI, REST API design, GraphQL, TypeScript

Databases: PostgreSQL, SQL Server, SQLite

AI & LLM: Azure OpenAI, OpenAI API, Azure AI Search, retrieval-augmented generation (RAG), PII redaction (Presidio), MCP servers, prompt engineering

Cloud & Azure: Azure App Service, Azure WebJobs, Azure Blob Storage

Mobile: Android (Java, Kotlin), iOS (Swift, Objective-C), React Native, Firebase

Web: React.js, Next.js, Redux, Tailwind CSS, HTML/CSS

Practices: Multithreading and concurrency, performance optimisation, CI/CD, GitHub Actions, Git, Postman, Jira, Agile/Scrum

Limited exposure: Docker (one container image), Azure Bicep

PROFESSIONAL EXPERIENCE

Technical Lead | LevelShift (formerly PreludeSys) | Apr 2026 - Present

Promoted from Senior Technical Specialist. Technical role; no direct reports.

- Integrated three third-party agent platforms into an internal Q&A product - **Salesforce and Boomi over REST, Azure AI Foundry over the DirectLine API** - handling per-platform authentication and session lifecycle behind a single Node.js orchestration layer.
- Built a **Python MCP server** driving synthetic-data generation through a GenAI model, integrated into the product portal.
- Review code and maintain backend engineering standards across the team codebase.

Senior Technical Specialist | LevelShift (formerly PreludeSys) | Apr 2025 - Mar 2026

Company rebranded from PreludeSys to LevelShift, Oct 2025. Promoted from Senior System Analyst.

- **Owned the Python processing pipeline** in a rebuild of an insurance claim-comparison service that cut a **400-600 claim run (~5,000 claim lines) from 30-45 minutes to 10-15**. Eliminated redundant claim fetches that were repeating 4-5 times per run, corrected data handling across worker threads, and moved PDF generation into separate web jobs writing to object storage.
- Made thread count and batch size **configurable across B1-B3 App Service tiers**, so the service runs on the cheapest tier that meets the workload.
- Built a **document RAG proof-of-concept on Azure** (Azure AI Search + Azure OpenAI) over HIPAA-sensitive patient records, with **Presidio-based PII redaction ahead of the model**. Caught retrieval returning source documents **across patient-record boundaries** during testing, and enforced record isolation with metadata-scoped query filters. Discontinued before production on compliance grounds.
- Built REST APIs with FastAPI (Python) and NestJS (Node) for production web services.
- Defined code quality, testing and CI/CD practices for the team.

Senior System Analyst | PreludeSys | Oct 2022 - Mar 2025

Promoted from System Analyst.

- Full-stack development across React, Next.js and Node for web platforms.
- Translated business requirements into technical specifications across concurrent projects.
- Identified and resolved system bottlenecks in production web applications.

System Analyst | PreludeSys | Nov 2021 - Sep 2022

- Built and maintained shared React Native codebases across iOS and Android.
- Applied mobile platform practices to React.js web projects.
- Used **GraphQL** in a year-long React Native project.

Technology Lead, Mobile App Products | ProEves | Apr 2019 - Oct 2021

- **Led a team of two engineers**, owning end-to-end design, development and delivery of Android and iOS products.

- Directed cross-platform development in React Native alongside native Android (Java/Kotlin) and iOS (Swift).
- Ran sprint planning across concurrent workstreams and mentored junior engineers.

Sr. Android Developer | NetSet Software Solutions | Jan 2018 - Mar 2019

- Owned Android delivery from sprint planning through production release within an agile team.
- Resolved Android performance bottlenecks and device-compatibility issues.
- Worked directly with clients to establish program specifications.

Team Lead Android | Ameba Technologies Pty Ltd | May 2016 - Dec 2017

Promoted from Senior Android Developer.

- **Led a team of five to six engineers** delivering Android (Java) and iOS (Objective-C) applications, owning technical direction and project outcomes.
- Ran code reviews and established deployment processes.

Senior Android Developer | Ameba Technologies Pty Ltd | Jun 2015 - May 2016

- Built Android applications in Java, applying architecture and performance best practices.
- Expanded into iOS (Objective-C), reducing team dependency on platform specialists.

Senior Android Developer | Oditi Global Solution Pvt. Ltd. | Jul 2014 - Jun 2015

- Led bug-fixing and performance optimisation sprints on production Android applications.
- Introduced refactoring practices to reduce technical debt.

Android Application Developer | Jandec Corp. Pvt. Ltd. | Dec 2012 - May 2014

- Built Android applications end to end, from requirements through testing and release.
- Implemented designs across a range of device sizes and screen densities.

EDUCATION

Bachelor of Technology - Information Technology | 2008 - 2012

Global Institute of Management and Emerging Technology, Amritsar