MANALI DHANANI

Full Stack Developer | Angular, React, Node.js, Firebase & Agentic AI

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PROFESSIONAL SUMMARY

Full Stack Developer with 2.5+ years of experience building web, mobile, backend, and AI-powered products. Strong in Angular, Ionic, Node.js, React, Firebase, MySQL, Java/Spring Boot, and LLM applications. Experienced in agentic AI, tool calling, AI scheduling, payments, OAuth integrations, CI/CD with GitHub Actions, and unit testing.

Full Stack Development | Agentic AI & LLMs | Cross-Platform Mobile | Payments | CI/CD | Agile Delivery

PROFESSIONAL EXPERIENCE

DI Solutions 02/2024 – 10/2026

Full Stack AI Developer – ByDesign Client | Node.js, Firebase, Claude AI & React 06/2026 – 10/2026

As part of the product team, I was responsible for the development of an AI planner and calendar solution that uses Firebase Cloud Functions and React technology.

- Implemented function-calling tools for an agentic AI scheduling assistant built on Anthropic Claude (Anthropic API / AWS Bedrock), converting natural-language requests into reviewable, undoable draft schedules.
- Built and maintained tools across a two-model architecture (Sonnet planner, Haiku manager) with ~90 function-calling tools, using a lightweight tool router and on-demand skill rulebooks to keep prompts lean and reduce token usage.
- Worked on the AI memory pipeline that learns user habits and compiles them into enforceable scheduling rules.
- Developed AI goal-planning flows: intake questions, goal-to-task breakdowns, and importance ranking and also added the youtube video link, website and shopping link based on the task title.
- Integrated ElevenLabs streaming speech-to-text for real-time voice input, secured with short-lived tokens.
- Implemented per-request LLM provider switching, AI credit metering, and Model Context Protocol (MCP) quota handling.
- Used LangSmith tracing, a golden-case regression suite, and prompt-token monitoring for LLM evaluation, observability, and cost tracking.
- Contributed to calendar sync features across Google Calendar, Apple Calendar, and Outlook Calendar on a unified task and calendar data model.

Full Stack Developer – GetNetworked Client | Angular, Ionic, Node.js & Claude AI 06/2025 – 06/2026

Built web and mobile features for an event and professional networking platform during its migration from React and Firebase to Angular, Ionic, Capacitor, Node.js, and MySQL.

- Built cross-platform Android, iOS, and web applications, including Android and iOS widgets and native plugin integrations.
- Developed REST APIs and backend services in Node.js and MySQL, including queue-based asynchronous processing for event, networking, and payment flows.
- Implemented features of an agentic AI search assistant for natural-language discovery of users, events, and connections by interests, location, and date.
- Contributed to AI-powered event matching that recommends one-to-one introductions based on shared interests.
- Developed admin dashboard modules in Angular and PrimeNG for managing users, events, hosts, attendees, and subscriptions.
- Integrated Stripe payments, subscription plans, and webhooks for payment status, refunds, and payout flows.
- Added OAuth for 3 providers (Google, Microsoft, Zoom) covering calendar permissions, event synchronization, and virtual event creation.
- Built real-time chat with Socket.IO — event group chats, direct messages, reactions, and host broadcasts.
- Built the social feed module with posts, comments, likes, shares, and content reporting, including broadcasting posts to a user's network or imported CSV contacts.
- Implemented user-level notification preferences and contributed to push, email, and SMS notifications using Firebase, AWS SES, Resend, and Twilio.
- Set up CI/CD pipelines with GitHub Actions for automated deployments to development and production environments.

Software Developer – Basil POS Client | Java, Spring Boot & MySQL 02/2025 – 06/2025

Worked on the backend team of a restaurant POS platform, building REST APIs and services in Java and Spring Boot. Delivered in Agile sprints tracked in ClickUp.

- Developed and maintained RESTful APIs with Java, Spring Boot, Spring MVC, and Spring Data JPA for core POS operations, including business logic, request validation, and exception handling.
- Designed MySQL data models with JPA and Hibernate, including entity relationships and queries.
- Contributed to 2 payment terminal integrations (Dejavoo and Valor) for POS transactions, including receipt printing for orders and payments.

Software Developer – Offshift – Health Coaching Platform for Truck Drivers | Angular, Ionic & Firebase 05/2024 – 02/2025

Worked on the front end of a coach-and-member health coaching platform for truck drivers, spanning an Angular coach web app and an Ionic Angular member mobile app, with Firebase as the backend and Stream Chat for real-time coach-to-member messaging.

- Developed front-end architectures for a health coaching platform consisting of a desktop Coach Web Application (Angular) and a cross-platform Member Mobile Application (Ionic Angular).
- Built interactive coach dashboards to manage multiple members, maintain exercise libraries, create customized workout plans, and monitor daily habit compliance.
- Implemented member-facing health tracking in the mobile app, featuring active workout logging, exercise execution views, and daily habit completion checklists.
- Integrated Stream Chat (GetStream.io) to deliver real-time, 1-on-1 messaging and channel communication between coaches and members across web and mobile platforms.
- Integrated Firebase services for user authentication and data persistence across both applications.
- Developed engaging mobile gamification features, including daily streak counters, progress visualizers, and milestone achievement badges to encourage user consistency and improve engagement and retention.

Software Developer Intern – Angular, Ionic & Firebase 02/2024 – 05/2024

Developed cross-platform applications with Angular and Ionic, backed by Firebase cloud services.

- Built features with Angular, Ionic, TypeScript, and Firebase, including authentication and database integration.
- Used Cloud Firestore, Realtime Database, Firebase Storage, Hosting, and Cloud Functions for data storage, file storage, hosting, and server-side logic.

EDUCATION

Master of Computer Applications (MCA), JAIN (Deemed-to-be University) 2024 – 2026

Bachelor of Computer Applications (BCA), Sutex Bank College of Computer Applications (VNSGU) · CGPA 9.52 2021 – 2024

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Java, SQL, HTML, CSS

Frontend & Mobile: Angular, Ionic, Capacitor, PrimeNG, React, NGXS state management, IndexedDB, cross-platform Android and iOS development

Backend & Databases: Node.js, Express.js, Sequelize, MySQL, Socket.IO, Firebase (Authentication, Cloud Firestore, Realtime Database, Cloud Functions, Storage, Hosting), RESTful APIs, Redis and BullMQ queues, Spring Boot

AI & LLM: Anthropic Claude API, AWS Bedrock, agentic AI and AI agents, LLM integration, function calling (tool use), prompt engineering, Model Context Protocol (MCP), LangSmith (tracing, LLM evaluation)

Testing & DevOps: Unit testing, CI/CD, GitHub Actions, development and production deployments, App Store and Play Store setup and releases

Integrations & Payments: Stripe (payments, subscriptions, webhooks), Firebase Cloud Messaging, AWS SES, Resend, Twilio (SMS), OAuth (Google, Microsoft, Zoom), Google Calendar, Apple Calendar, Outlook Calendar, Dejavoo and Valor POS terminals, barcode-scanning, and receipt-printing hardware

Practices & Tools: Agile, code reviews, Git, GitHub, ClickUp