

Dhruv Parekh.

Senior Full-Stack Engineer — Angular · Node · Python

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```
dhruv.ts

const dhruv = {
  exp: "8 yrs", level: "Senior",
  core: ["Angular", "Node", "Mongo"],
  also: ["Python", "AI agents"],
  built: "NSEIndia.com",
  notice: "30 days",
};
```

8 YEARS	M+ DAILY USERS, NSEINDIA.COM	15 PEOPLE LED	16 SERVER LOCATIONS	30d NOTICE
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8 years building web platforms. Built the **NSEIndia.com** revamp — India's stock exchange, millions of visitors a day — and led the team of 15 that shipped it. **MEAN stack** by trade, Angular is home. Fintech throughout. Build AI systems in Python on the side.

// experience

Work

- **Senior Software Engineer**
Volofin · Singapore trade-finance NBFC · Mumbai
[aug 2023 – now · 3 yrs]
 - ▶ Building the backoffice for a cross-border trade-finance lender. Angular 15.
 - ▶ Shipped **3 modules** end to end — Sales, Credit, Insurance Underwriting.
 - ▶ Work straight with department heads. No one in between.
 - ▶ *Payroll moved from sister company Aston Processors in Apr 2026. Same product throughout.*
- **Associate System Analyst**
NSEIT · National Stock Exchange of India · Mumbai
[dec 2021 – aug 2023]
 - ▶ Architected the **NSEIndia.com** revamp. Live rates, charts, corporate actions, F&O bhavcopy. Node, MongoDB, Cassandra.
 - ▶ Led **15 people** — 10 devs, 3 QA, 2 BAs. Worked directly with the CEO and CTO.
 - ▶ Real-time trading data into MongoDB. Replica sets. **16 server locations**, main and backup.
 - ▶ Compliance with **SEBI, RBI and the Ministry of Finance**.
- **Software Engineer**
Hurix Digital · US K-5 ed-tech · Mumbai
[apr 2020 – dec 2021]
 - ▶ Led **5 frontend devs** on Reading Ranger, a US learning app. Angular 8, WebGL animation.
 - ▶ Built the reading activities and **4 mini-games**. Owned delivery and the daily client call.
- **Front End Engineer**
Supervise · construction project-management SaaS · Mumbai
[oct 2018 – apr 2020]
 - ▶ Moved the product off **.NET MVC onto Angular** + PrimeNG.
 - ▶ Angular **5 → 7 → 8**, while shipping billing features on the same codebase.

// side projects

Things I've Built

- Jarvis

Python · FastAPI

An AI assistant that runs on my own machines. Give it a goal — it splits the goal into tasks and runs them. Asks before anything destructive. Survives a crash and picks up where it stopped. Machines join by dialling out, so no open ports. **150 tests**.
- Document Sorter

Node.js · offline OCR

Drop in a pile of invoices and POs. It works out what each one is, pulls the company, date, amount and number, then groups the related ones. Scanned files go through **OCR that runs fully offline** — nothing leaves the machine.
- Saloni Collection

Supabase · Postgres

A real online store — catalog, cart, checkout, orders, admin panel. UPI and cash on delivery. Per-role access rules in the database.
- Crypto Signal Engine

Python · ML · Docker

Watches crypto markets live off Binance and CoinDCX. Runs **5 signal checks** — RSI divergence, volume spikes, Bollinger squeeze, news sentiment, and confluence when several agree. Every signal goes into a **paper-trading simulator** that tracks whether it would have won or lost, and an **ML model retrains on that history every 6 hours**. No real money — it's a research system.

// skills

// education

Stack

front:	Angular 4-15	TypeScript	RxJS	NgRx	SCSS	React
back:	Node.js	Express	NestJS	Python	FastAPI	REST
data:	MongoDB	Cassandra	PostgreSQL	MySQL	Redis	
ai:	AI Agents	LangChain	RAG	OpenAI	Anthropic	Embeddings
infra:	AWS	Docker	CI/CD	Nginx	Linux	
other:	System Design	Team Lead	Agile			

Education

Master in Management Studies
RPIMS College, University of Mumbai
[2022 – 2024]
B.Sc. Computer Science
Shankar Narayan College, University of Mumbai
[2014 – 2017]