

# PRABHAT DWIVEDI

+91 6269 103 896 | [prabhatdwivedi4111@gmail.com](mailto:prabhatdwivedi4111@gmail.com)

[in](#) dwivedi-prabhat | [G](#) dwi11harsh | [T](#) justanengineer | [T](#) dwi11harsh

## OBJECTIVE

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Full-stack developer with 2+ years experience in end-to-end development, testing, DevOps, and maintenance. Enhanced RAG pipelines, led major TypeScript migrations, and contributed to AI-powered products. Currently seeking full-stack roles.

## SKILLS

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- **Front-End:** TypeScript, ReactJS, NextJS, Vite, Zustand, Jotai, zod, Tailwind
- **Back-End:** Python, TypeScript, NextJS, Express.js, Robyn, zod, Prisma
- **Database:** MongoDB, Redshift, PostgreSQL, TimeScale DB, Supabase, AWS RDS, AWS S3
- **DevOps:** Git, GitHub, Docker, AWS EC2, NGINX, Turborepo
- **Others:** Ubuntu, MacOS, Chrome Extension APIs, AWS Route 53, AWS API Gateway, AWS SQS, AWS Lambda, Vector Embeddings

## EXPERIENCE

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- **The Personal AI Company** Sep 2025 - Dec 2025  
*Software Engineer* Remote
  - Enhanced RAG Python backend pipeline to accept diverse document types, improving document ingestion for knowledge management system in proprietary backend
  - Led complete migration of web app from NextJS + JavaScript to TypeScript + Turborepo monorepo, refactoring 300+ files into modular components (34K+ lines changed)
  - Migrated Chrome extension from vanilla JS to React with Vite, implementing Zustand state management and improving maintainability (12.8K+ lines changed)
  - Implemented automated code formatting (Prettier) and Tailwind CSS rules, eliminating formatting-related PR noise (merged PR, 6.5K+ lines)
  - Fixed critical bugs in transcript saving and email notifications, ensuring reliable data capture and improved UX
  - **Tech Stack:** Python • TypeScript • React • NextJS • Turborepo • Supabase • Vite • Zustand • Chrome Extension APIs • Vector Embeddings
- **Radioreach** Oct 2024 - June 2025  
*Sole Full Stack Web Developer & API Architect* Remote
  - Designed modern UI from Figma + built 10+ custom components (10% faster load, 20% smaller app)
  - Developed CI pipeline using Git/GitHub and AWS EC2, reducing integration time significantly
  - Built secure NextJS/TypeScript backend with OAuth; migrated database to TimeScale DB, cutting costs nearly to zero
  - Engineered scalable data API using AWS API Gateway, SQS, and Lambda to collect real-time data from 5k+ Raspberry Pi devices
  - **Tech Stack:** Turborepo • NextJS • TypeScript • AWS EC2 • Git/GitHub • NGINX • TimeScale DB • AWS API Gateway/SQS/Lambda • OAuth
- **Music Monitor** Oct 2023 - June 2025  
*Full Stack Web Developer (Sole Developer)* Remote
  - Designed modern UI from Figma + built 20+ custom components (30% faster load, 50% smaller app)
  - Created Node.js Redshift module (40% faster connections, 50% quicker queries) + implemented OAuth (100% secure access)
  - Engineered Express.js/TypeScript backend (25% server cost reduction) + deployed MongoDB (99.99% uptime)
  - Dockerized app (70% faster deployment) + contributed to securing \$X million seed funding via product development
  - **Full Stack Implementation:** Turborepo • NextJS • TypeScript • Redshift • AWS EC2 • Git/GitHub • NGINX • Google Maps API • D3.js • Prisma+MongoDB • OAuth

## EDUCATION

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- **B. Tech** LNCT University  
*Computer Science*
  - CGPA: 8.14/10