

Deep Boda

Senior DevOps Engineer and Full-Stack Engineer

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Available now

Summary

Four and a half years running production at a software services company, across every client platform and every company product. I look after the servers, the clusters and the pipelines, and I write the Node.js that runs on them. I also sign and ship the mobile and macOS releases.

Education

Professional Web Development

Shree Academy. 6 month programme, completed December 2021. Grade A, certificate SA25773.

Instrumentation and Control Engineering

Vishwakarma Government Engineering College. 2018 to 2022, did not complete.

Experience

Senior DevOps Engineer and Full-Stack Engineer

Feb 2022 to Aug 2026

TST Technology (TST Tech Matrix Pvt. Ltd.). Sole or lead infrastructure engineer on every project, and lead backend developer on most.

Infrastructure and platform

- **Kubernetes on AWS EKS** for a consumer platform doing millions of requests a day. I designed the clusters, set up the autoscaling and kept them up.
- **Microservices on AWS ECS** for a platform with over 1,00,000 users. Autoscaling, task sizing, container registry and service to service networking.
- **Databases under real load.** PostgreSQL, MySQL, Redis and Elasticsearch. Caching, indexes, replicas and query tuning to hold response times steady as traffic grew.

Pipelines and releases

- Built and ran CI/CD on **Jenkins, ArgoCD, CircleCI and AWS CodePipeline**, matched to how each project was hosted.
- Moved Kubernetes releases to **GitOps with ArgoCD**. A rollback became one reverted commit.
- Shipped **Android, iOS and macOS** apps end to end. Play Console, App Store Connect, Xcode Cloud, code signing and notarising.

Backend and delivery

- Led backend development across the portfolio. **Node.js, Express and NestJS**. REST APIs, WebSockets and database design, plus the infrastructure underneath.
- Owned client delivery on **Next.js and React** front ends, from requirements to release, without a separate project manager.
- Rebuilt a desktop product from **Electron onto Tauri with a Rust core**, cutting memory use, and wrote the terminal and SSH layer that runs inside it.

Skills

Cloud	AWS (EKS, ECS, ECR, EC2, S3, RDS, ElastiCache, CloudFront, Lambda, SQS, IAM, VPC), Azure, GCP
Containers	Docker, Kubernetes, Helm, ArgoCD, HPA, Cluster Autoscaler
Infrastructure	Terraform, Linux, Nginx, PM2, systemd, Bash, SSH
CI/CD	Jenkins, ArgoCD, CircleCI, GitHub Actions, AWS CodePipeline, Azure Pipelines, Xcode Cloud
Backend	Node.js, Express, NestJS, Fastify, TypeScript, REST, WebSockets, Socket.io
Databases	PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch, Prisma, Sequelize, TypeORM
Front end	Next.js, React, Flutter, Dart
Monitoring	Prometheus, Grafana, CloudWatch, alert tuning, runbooks
Releases	Play Console, App Store Connect, TestFlight, code signing, notarising

Selected work

Client names withheld.

Consumer Travel Platform

Infrastructure lead

Ran the whole EKS environment for a global discovery site doing millions of requests a day. Three connected apps, with Elasticsearch behind location search and Redis in front of the hot paths.

Kubernetes (EKS), Node.js, Next.js, React, PostgreSQL, Redis, Elasticsearch, Nginx

Fintech Trading Platform

Infrastructure lead

Ran the ECS microservices behind a platform with over 1,00,000 users. Main API, scheduled jobs, a leaderboard and a Socket.io service streaming live prices. Kept it stable through market hour spikes.

AWS ECS, ECR, Node.js microservices, Socket.io, Redis, PostgreSQL

DevOps Desktop Application

Product engineer, company product

A terminal and SSH client for managing Linux servers from one place. Moved it from Electron to Tauri with a Rust core, much lighter on memory, and built the AI terminal inside it.

Rust (Tokio, ssh2), Tauri 2.0, Electron.js, React, Vite, xterm.js, macOS signing and notarising

AI Tools Directory

Backend and infrastructure lead, company product

Search and discovery platform. Built the backend, with Elasticsearch searching the catalogue and Redis caching the heaviest queries. I also owned the site's SEO and page speed.

Node.js, Express, MySQL, Redis, Elasticsearch, AWS, Nginx, technical SEO

Digital Business Card Platform

Backend lead and client delivery

Built the entire backend, and ran both the client relationship and the delivery team through to launch. Card creation, QR profile sharing and Apple Wallet passes.

Node.js, Express, MySQL, Redis, Apple PassKit

Beyond the stack

Craft	Technical SEO, web performance, AI features in production, debugging code I did not write
Ownership	Incident response and on call, urgent fixes outside business hours, client communication, leading delivery teams, mentoring juniors
Voice	I write about infrastructure and DevOps on LinkedIn and at deepboda.in. English, Hindi, Gujarati