Asha Rao

Pune, India | asha.rao@example.com | +91 90000 00000
linkedin.com/in/asha-rao-example | github.com/asha-rao-example

Summary

Backend engineer with an internship and three deployed projects building RESTful APIs in Node.js and PostgreSQL. Ships with automated tests and a CI/CD pipeline, and packages services with Docker. Looking for a backend role at an early-stage startup.

Education

B.Tech, Computer Science - Example Institute of Technology, Pune
Aug 2021 – May 2025 | CGPA 8.4 / 10

Skills

Languages: JavaScript, TypeScript, SQL
Backend: Node.js, Express, RESTful APIs, JWT authentication
Databases: PostgreSQL, Redis
Tools: Docker, Docker Compose, CI/CD (GitHub Actions), Git, Linux
Testing: Jest, Supertest

Projects

Taskly - Task management API
github.com/asha-rao-example/taskly | taskly-demo.example.com | Node.js, Express, PostgreSQL, Docker

- Built a RESTful API with user accounts, JWT login and 14 endpoints for tasks, labels and reminders
- Designed a PostgreSQL schema with migrations and indexes on the most-queried columns
- Added 42 Jest and Supertest tests and a CI/CD workflow in GitHub Actions that tests and builds the Docker image on every push
- Containerised the app and its database with Docker Compose; deployed on a free cloud tier

Shortly - URL shortener
github.com/asha-rao-example/shortly | TypeScript, Express, Redis, PostgreSQL

- Built redirect and click-count endpoints, with Redis caching for repeat lookups
- Wrote a README with run instructions and an architecture diagram

Experience

Backend Engineering Intern - Brightloop Technologies, Pune, India
Jun 2025 – Dec 2025

- Added filtering and pagination to 6 endpoints of an internal ticketing API used by a customer-support team (Node.js, PostgreSQL)
- Fixed 11 reported bugs and wrote a regression test for each
- Collaborated with 2 engineers in 2-week sprints, reviewing pull requests daily

Certifications

PostgreSQL for Developers - Example Learning Platform, Mar 2025