ROHIT BAGADI

Full Stack Software Engineer

Dehradun, India | Open to onsite, hybrid and remote roles | Notice period: 30 days
+91 7976815933 | bagadirohit11@gmail.com | linkedin.com/in/rohit-bagadi | github.com/Rohitb1107 | rohitbagadi.com

SUMMARY

Full stack software engineer with 4 years of production experience in TypeScript, React, Next.js, Node.js, NestJS, MongoDB and PostgreSQL. Builds statewide e-governance systems in Uttarakhand, including REST APIs for 40+ services on Apuni Sarkar (100,000+ users) and the certificate, payment, approval-workflow and role-based access modules on the Uniform Civil Code (UCC) platform. Also designs database schemas, runs data migrations, reviews code and mentors junior developers.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), SQL, HTML, CSS
Frontend: React, Next.js, Tailwind CSS, Zustand, TanStack Query
Backend: Node.js, NestJS, Express.js, REST API design, JWT authentication, role-based access control (RBAC)
Databases: MongoDB (aggregation pipelines, Mongoose), PostgreSQL, Prisma, Redis
Testing and DevOps: Jest, Cypress, Docker, GitHub Actions, CI/CD, Git, Postman

EXPERIENCE

Prodios Labs | Dehradun, India — Oct 2022 – Present
Software Developer — Oct 2023 – Present

- Built the certificate, payment and payment receipt modules for Uttarakhand's Uniform Civil Code (UCC) platform (ucc.uk.gov.in), a statewide production system on React, NestJS and MongoDB. Certificates are generated server-side from HTML templates rendered to PDF.
- Built the multi-level officer workflow for citizen applications (review, approve, reject) with the payment gateway integrated into the flow, plus a filtered data export that lets officers download records for any service.
- Implemented user sign-up, JWT authentication and role-based access control for officers, enforced in both the NestJS API and the React frontend.
- Designed and built REST APIs for 40+ of the 100+ digital services (4–5 endpoints each) on Apuni Sarkar, Uttarakhand's citizen services portal with 100,000+ users, as one of four backend engineers (NestJS, Node.js, MongoDB).
- Rewrote slow MongoDB aggregation pipelines and added Redis caching on high-traffic read paths to speed up API responses.
- Designed MongoDB and PostgreSQL schemas and ran production data migrations; reviewed teammates' code and mentored junior developers and interns.
- Shipped releases through GitHub Actions CI/CD pipelines and Docker, with Jest and Cypress tests on critical user flows.

Associate Software Developer — Oct 2022 – Sep 2023

- Built frontend and backend features for e-District Uttarakhand using React, Node.js, MongoDB and PostgreSQL.
- Built officer dashboards for PM Gati Shakti Uttarakhand, a planning platform for state officials, with data tables, charts, filters, summary metrics and Excel export (React, Node.js, MongoDB).
- Designed and launched the official ITDA Uttarakhand website (itda.uk.gov.in) with Next.js, React and TypeScript.

EDUCATION

MCA (Online) | Graphic Era Deemed to be University, Dehradun — 2026 – 2028 (in progress)
Bachelor of Arts (Humanities) | Maharaja Surajmal Brij University, Bharatpur — 2020 – 2023
Full Stack Web Development (MERN) Program | Masai School, Bengaluru — Oct 2021 – May 2022