Sachin Chougule

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Experience

Backend Developer Intern, Bio Field Power Pvt Ltd (IIT Ropar Incubated Startup) – Rupnagar, Punjab   Oct 2024 – Mar 2025

- Optimized biomass logistics for 500+ farmers and 30+ industries, reducing processing time by 40%
- Maintained scalable backend architecture handling 1,000+ orders/day
- Integrated REST APIs, reducing delivery errors by 25%
- **Tech Stack:** Node.js, Express.js, API Integration, MongoDb

Software Engineer Intern, Zeldatech Innovations – Kolhapur, India   Apr 2024 – Sept 2024

- Designed backend with Express.js, BullMQ, Redis for 250+ daily print jobs at 95% efficiency
- Integrated Firebase file system and push notifications (FCM), improving user engagement by 30%
- **Tech Stack:** Express.js, Redis, BullMQ, Firebase, React.js

Projects

Attendii - Event Attendance System   GitHub

- Automated event attendance for 1,000+ students using QR scanning, Excel import/export
- Reduced manual workload by 80%, saving over 10 hours per event
- **Tech Stack:** React (TypeScript), Shadcn, Node.js, Express.js, MongoDB

ProManage - Team & Task Management Tool   GitHub

- Developed platform enabling 500+ users to manage tasks and collaborate via file sharing
- Integrated real-time chat and video calls via Stream API
- **Tech Stack:** Next.js, React.js, Express.js, PostgreSQL, Stream API

Real Good Foods - Wholesale Meat Delivery Platform   GitHub

- Developed a meat delivery platform, reducing manual work by 60% and streamlining order management
- Enabled listing of 500+ products with detailed info for wholesale suppliers
- Built a delivery module for 100+ daily orders, reducing route time by 30%
- **Stack:** Next.js, Spring Boot, Google Maps API

Skills

Programming Languages: C++, Java, JavaScript, TypeScript

Technologies: Git, GitHub, Docker, OpenAPI Spec, Redis, WebSockets, WebRTC

Frameworks/Libraries: React.js, Next.js, Express.js, Shadcn, Tailwind CSS

Databases: PostgreSQL, MongoDB, Firebase Firestore, Prisma ORM

Software Development: Data Structures and Algorithms, OOP, OS, DBMS, Computer Networks

Education

Kolhapur Institute of Technology, B.Tech in Computer Science and Technology   Aug 2022 – May 2026

Devchand College, Higher Secondary Education – Arjunnagar   Aug 2020 – May 2022

Achievements

- Secured 1st rank in the National Level Coding Competition held at Bharati Vidyapeeth, Kolhapur
- Secured 3rd rank in school with 87% in 10th standard and 74% in 12th standard board exams