Sachin Chougule

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EXPERIENCE

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

- Engineered and optimized RESTful APIs in Node.js/Express.js for core business workflows.

- Redesigned MongoDB schemas, improving query performance by 30%.

- Integrated frontend (Next.js) with backend, reducing request latency by 20%.

- Implemented validation and error-handling, lowering incorrect entries by 25%.

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

- Developed backend pipelines in Express.js that processed 250+ daily print jobs with 95% success.

- Integrated Firebase services for file storage and notifications, increasing engagement by 30%.

- Built a React.js dashboard for real-time job tracking, reducing manual client queries by 40%.

PROJECTS

Attendii – Event Attendance System   github.com/TPD-Attendance
React (TypeScript), Shadcn, Node.js, Express.js, PostgreSQL

- Automated event check-ins with QR scanning, reducing manual errors by 95%.

- Implemented Excel import/export, cutting administrative workload by 80% and saving 10+ hours per event.

- Designed PostgreSQL schemas and APIs to manage 1,000+ student records.

ProManage – Team & Task Management Tool   github.com/Hackera
React.js, Node.js, Express.js, PostgreSQL, Stream API

- Built a task management system supporting 100+ concurrent users.

- Designed PostgreSQL schemas and APIs for task assignments, file sharing, and user management.

- Integrated real-time chat and video calls using Stream API, improving team communication efficiency by 60%.

SKILLS

- **Programming Languages:** C++, JavaScript, TypeScript

- **Backend:** Node.js, Express.js, REST APIs, WebSockets, Redis

- **Frontend:** React.js, Next.js, Shadcn, Tailwind CSS

- **Databases:** PostgreSQL, MongoDB, Firebase Firestore, Prisma ORM

- **Tools & Platforms:** Git, GitHub, Docker, OpenAPI Spec

- **CS Fundamentals:** Data Structures & Algorithms, OOP, OS, DBMS, Computer Networks

EDUCATION

Kolhapur Institute of Technology, Kolhapur, Maharashtra
B.Tech in Computer Science and Technology   June 2020 - May 2022
Devchand College, Arjunnagar, Maharashtra
Higher Secondary Education   June 2020 - May 2022

AWARDS & ACHIEVEMENTS

- 1st Place, National Level Coding Competition, Bharati Vidyapeeth, Kolhapur.

- Ranked top 3 in school: 87% in 10th, 74% in 12th board exams.