Ruchir Dhanawade

📞 8767656105 ✉ ruchir.dhanawade@gmail.com in ruchirdhanawade ⌗ ruchir07

Education

Pune Institute of Computer Technology   **2023 – Present**
Bachelor of Engineering in Computer Science and Engineering. CGPA : 9.60   *Pune, Maharashtra*

Shri Gopal High School And Junior College   **2021 – 2023**
HSC, Class XII , 81.33%   *Pune, Maharashtra*

JSPM'S Blossom Public School   **2010 – 2021**
CBSE, Class X , 92.8%   *Pune,Maharashtra*

Projects

Pension Management System | *Javascript, NodeJS, ExpressJS,ReactJS,MongoDB*
- Built calculation algorithms for pension benefits using salary history, years of service, and scheme rules (Node.js, Express).
- Created React-based dashboards with role-based views (admin/employee) and application status tracking
- Designed interactive analytics dashboards using Chart.js
- Deployed JWT authentication with RBAC and AES-256 encrypted transactions

BrainCache – Second Brain for Smart Note Management | *React (Vite), TypeScript, Node.js, Express, MongoDB*

[Website Link](#)
- Built a full-stack productivity tool that allows users to **capture, store, and categorize notes, files, and links**
- Integrated **Google OAuth2.0 authentication** using Passport.js with session management and protected routes.
- Implemented **Cloudinary file uploads** with metadata detection and secure preview/download functionality.
- Used **Zustand** for state management, and designed a clean, modular UI with responsive previews for PDFs, images, tweets, and YouTube videos.

Technical Skills

- **Programming Languages**: Python,C++, JavaScript, SQL
- **Web Development**: HTML, CSS, JavaScript, React, Tailwind CSS, Node.js, Express.js
- **Database**: MySQL, MongoDB , Prisma ORM , PostgreSQL
- **Tools**: Git/Github, PostMan , Vercel

ExtraCurricular Activities

- **PASC Pulzion : Publicity , Events Coordinating Team**

Volunteered for **Pulzion**, PASC's annual tech event, as part of the **Publicity and Event Coordination team**. Contributed to social media outreach, on-ground promotions, and smooth execution of events and workshops. Collaborated with peers to enhance event visibility and participation. [**Link**]

- **INC 2025 :**

Managed and coordinated the Competitive Programming event – Pradnya under the Impetus and Concepts (INC), PICT's annual tech fest with 1000+ participants . Led operations, and ensured seamless execution while enhancing engagement and technical challenge delivery. [**Link**]

- **Competitive Programming SIG :**

Organized and led a 3-day Special Interest Group (SIG) focused on learning Data Structures & Algorithms and Competitive Programming . Taught foundational and intermediate-level topics including problem-solving techniques, time complexity, and basic algorithmic strategies.

Achievements

- **CodeChef** – 3 star (max rating 1698).

- **Codeforces** – Solved Over 100+ Problems on the Platform with Pupil, (max rating 1240)

- **LeetCode** – Solved 500+ problems on LeetCode (max Rating. 1719).

- Achieved Runner Up position in Hack a Bit Competition Organized By Dy Patil Institute Of Technlogy.[**Certificate**]