Kunj Chandak

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EDUCATION

Pune Institute Of Computer Technology — 2022 – 2026
Bachelor of Engineering (B.E.) in Information Technology. — *Pune, Maharashtra*

EXPERIENCE

FullStack Developer Intern — Januaray 2025 – Present
Zymo Technologies — *Remote*
- Built robust application using React, Firebase emphasizing **RESTful** architecture, **Advanced State Management** using Redux and implemented **CRUD** operations.
- Integrated a **Payment Dashboard** using **Razorpay** adhering to ACID principles, ensuring integrity and scalability leveraging Firebase.

PROJECTS

Deployer | *Node.js, Docker, AWS, Redis, Git* — Link
- Designed and optimized a scalable backend, improving **API efficiency** and service-client communication by **30%**.
- Implemented containerization and cloud-based scaling, ensuring seamless **microservices deployment** and management.
- Optimized data storage and retrieval systems, enhancing **performance** and system reliability.
- Integrated advanced caching and logging, increasing responsiveness and reducing troubleshooting time by **40%**.

StudyNotion | *React.js, Node.js, MongoDB, Express.js, Cloudinary* — Link
- Engineered an **AI-driven recommendation engine**, increasing course engagement by **40%**.
- Implemented **multi-tier access control** in the backend, enhancing content security and role-based access.
- Optimized **video streaming performance**, reducing buffering time by **35%** with adaptive bitrate technology.
- Crafted an intuitive **student dashboard** for real-time progress tracking and performance insights, improving user retention by **25%**.

CryptoInsight | *React.js, Redux-Toolkit, Firebase, Tailwind* — Link
- Engineered a real-time **cryptocurrency tracking** web app, optimizing data accuracy and user engagement.
- Implemented **secure authentication** with Clerk and Firebase, enabling seamless watchlist management.
- Integrated interactive charts with **Chart.js**, providing in-depth trend analysis across multiple time intervals.
- Designed a **responsive UI** with Tailwind CSS, ensuring an optimal experience across various devices.

TECHNICAL SKILLS

Languages: C, C++, Typescript, Javascript, Python
Backend: Node.js, Express.js, REST APIs, WebSockets, Prisma
Frontend: Next.js, React.js, Redux Toolkit, TailwindCSS, Shaden/UI, HTML, CSS
Cloud & Databases: MongoDB, PostgreSQL, Redis, Firebase, AWS (EC2, S3, Lambda, RDS, API Gateway)
Web Technologies: Docker, Socket.IO, GraphQL
Developer Tools: Postman, Visual Studio Code, Git, GitHub

VOLUNTEERING

PICT CYBERCELL | *Technical Head* — Oct 2023 - Present
- Conducted cybersecurity workshops, training, and CTFs to upskill technical skills of club members.
- Designed CTF challenges on web security and OSINT for hands-on learning.

ACHIEVEMENTS

- Rated **3-star on CodeChef**, with a track record of solving over **600+** DSA problems.
- Contributed **20+ pull requests** during **Hacktoberfest** and **GSSoC**, enhancing functionality and addressing bugs.