Yatendra Upadhyay

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🌐 Portfolio

CodingNinjas </>   LeetCode </>   GitHub ◯   LinkedIn 🔗

SKILLS

Languages/Frameworks:	JavaScript, Python, C++, React.js, Next.js, Node.js, FastAPI, LangChain
Databases/Tools:	PostgreSQL, MongoDB, Redis, Pinecone, MySQL, Docker, AWS (EC2, RDS, S3), Git, Linux
Problem Solving:	Solved 400+ DSA problems on CodingNinja and LeetCode

PROJECTS

- **MockView** ↗ ◯

  Next.js, Redis, PostgreSQL, Drizzle-ORM, Clerk, Gemini
  – Built an **AI-powered mock interview platform** with feedback, **reports**, and history tracking used by 20+ testers.
  – Designed a **PDF + email pipeline** (**Node.js**, **BullMQ**, **Redis**) that processed documents cutting latency by **40%**.
  – Implemented **caching + rate limiting**, reducing API response from 2s to 60ms (verified with Postman benchmarks).

- **Threadify** ↗ ◯

  React.js, Node.js, MongoDB, WebRTC, JWT
  – Developed **video streaming** with **Node.js streams** + **Cloudinary**, improving load times by **20%**.
  – Built real-time **video calling/chat** with **WebRTC** + **WebSockets**, supporting 100+ concurrent rooms with secure **JWT authentication**.
  – Managed app state with **Recoil**, ensuring smooth performance across complex UI flows.

- **PostPilot** ◯

  FastAPI, PostgreSQL, MongoDB, Pinecone, LangChain, RAG, Microservices
  – Worked as **AI Backend Engineer**, leading model integration (**OpenAI** + **LangChain**) and backend scalability.
  – Designed a **hybrid DB system** (**PostgreSQL** + **MongoDB** + **Pinecone**) improving data retrieval speed by **35%**.
  – Built async pipelines with **FastAPI** + **Playwright**, handling 500+ daily requests reliably.

EXPERIENCE

- **Accenture**

  ASE Intern – Backend & Automation   Apr 2025 – Jun 2025
  – Automated 5+ MES/MOM workflows for a UK energy client, reducing manual work by 30% and improving data accuracy.
  – Developed Python + Shell scripts integrating AVEVA and Dassault tools, ensuring error-free system handoffs.
  – Optimized SQL queries for traceability datasets (1K+ records), improving retrieval speeds by 25%.

- **Gharpayy**

  Full Stack Developer Intern   May 2024 – Jun 2024
  – Built and deployed features for FlatPayy/GharPayy platforms (React.js, PHP, Docker), improving stability in production.
  – Developed and tested modules on AWS EC2 with Git workflows, supporting 1k+ monthly transactions securely.

LEADERSHIP & ACTIVITIES

- **Google Developer Student Clubs (GDSC) – JSSATE**

  Full Stack Web Developer   2023 – Present
  – Built 5+ apps for events like HacktoberFest/GSSoC; deployed backends serving 1k+ participants.
  – Mentored 100+ peers via workshops on backend/web dev, boosting adoption of GDSC tech stack.

EDUCATION

- **JSS Academy Of Technical Education**   *CGPA: 7.6/10*

  B.Tech, Computer Science & Information Technology   2021 – 2025

CERTIFICATIONS

- Full Stack Development Bootcamp – Udemy (Cert)
- React – FreeCodeCamp (Audited)