Yatendra Upadhyay
Full-stack developer
Sector 62, Noida, UP
Coding Ninjas </> GeeksforGeeks 🎓

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🌐 Portfolio
GitHub ⚙ LinkedIn in

EDUCATION

- **JSS Academy Of Technical Education**   *2021 - 2025*
  Bachelor of Technology - Computer Science and Information Technology   CGPA: 7.7
  – **Courses** : Web Technology, Web Design, Operating Systems, Data Structures, Computer Networks, Computer Organization and Architecture, DBMS, Design and Analysis Of Algorithms, Machine Learning Techniques

KEY SKILLS

Languages :	JavaScript, Python, C++, C, HTML, CSS, SQL
Frameworks :	ReactJS, NextJS, NodeJS, Express.Js, EJS, Django, Tailwind, Bootstrap
Databases :	MongoDB, MySQL, PostgreSQL, NeonDB, Redis
Tools and Other :	AWS (EC2, Lambda, RDS, S3), Docker, Docker Compose, Postman, REST API, GIT, GitHub, Linux
Problem Solving :	Solved 400+ Data Structures and Algorithms problems on CodingNinja and GeeksforGeeks

EXPERIENCE

- **Gharpayy**
  Full Stack Web Developer Intern   May-2024 to Jun-2024
  – Practiced and applied Javascript, PHP, Model View Controller framework, HTTP/HTTPS, Basics of EC2 instance, Client-Server Model, Git, and Docker Composer.
  – Worked on platforms for FlatPayy and GharPayy using HTML, CSS, React.Js, Bootstrap, which enhanced user engagement by almost 30% and led to a 25% decrease in bounce rate.

PROJECTS

- **MockView** ⚙   *Tech Stack: Next.Js, Redis, PostgreSQL, NeonDB, Drizzle-ORM, Clerk*
  Worked on :
  1. AI mock test generator along with Ai feedback, rating, test reports with **Pagination** and Sorting of Test History.
  2. Built a PDF generation and email system with Node.js, **BullMQ**, **PDFKit**, and **Nodemailer**, handling 1000+ requests/min with 99.9% uptime, minimizing server load by 40%, and improving response time by 50%
  3. Implemented **rate limiting** and **caching** for frequently accessed interviews using **Redis**, reducing access time from 2 s to 60ms and preventing spamming or excessive resource usage.

- **Threadify** ⚙   *Tech Stack: React.Js, Chakra-UI, Node.js, MongoDB , JWT*
  Worked on :
  1. Built video streaming with **Node.js streams** and integrated Cloudinary for automatic **compression**, enhancing playback performance by 20% and reducing bandwidth usage with **adaptive video quality**, **metadata caching**, and secure access via **JWT authentication**.
  2. Developed real-time **video calling** and messaging with **WebRTC** and **WebSockets**, optimizing **peer connections** via **STUN** servers and ensuring 99.9% uptime for secure in-app communication using **JWT authentication**.
  3. Efficient state management using Recoil in React along with Chakra-UI.

- **Travel World** ⚙   *Tech Stack: NodeJs, MongoDB, ReactJs*
  Worked on :
  1. Configured OpenAI-powered **chatbot** for streamlined trip planning in TravelWorld.
  2. Integrated **Razorpay payment gateway** for secure transactions and cutting payment processing time by 40%.
  3. Implemented **role-based access control**, ensuring data security with a 100% reduction in unauthorized access.

EXTRA CURRICULUM

- **Google Developer Student Clubs (GDSC)-JSSATE Noida**
  Full Stack Web Developer   2023 - Present
  * Developed 5+ full-stack web apps, scalable backends for events (HacktoberFest, GSSoc), and a Slack platform that improved collaboration across 20+ societies by 150%.
  * Mentored and managed 5+ events/workshops on web and backend development.
- **Extracurricular Activities**
  * Member of LINGUA FRANCA - debating society and Cricketing Matches in college.

COURSES AND CERTIFICATIONS

Full Stack Development Bootcamp - Udemy	**React** - FreeCodeCamp
(Certificate)	Audited.