

Yatendra Upadhyay

Full Stack Developer



Sector 62, Noida, UP

GeeksforGeeks  Coding Ninjas 

✉ Yupadhyayk@gmail.com

☎ +91-9557407566

🌐 Portfolio

GitHub  LinkedIn 

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 Gfg

EXPERIENCE

• Gharpayy

Full Stack Web Developer Intern

May-2024

- Devised effective coding strategies while practicing JavaScript; created over 50 modular scripts which facilitated smoother data transactions between client-server models during peak traffic hours without compromising reliability.
- Practiced and applied Javascript, PHP, Model View Controller framework, HTTP/HTTPS, Basics of EC2 instance, Client-Server Model, Git, and Docker Composer.
- Developed two websites 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.

• Google Developer Student Clubs (GDSC)-Jssate Noida

Full Stack Web Developer

2023 - Present

- Led the development of 5+ full-stack web applications at GDSC, including building scalable backends for open-source events like HacktoberFest and GSsoc, while creating and optimizing a custom Slack platform that improved collaboration efficiency across 20+ societies, boosting productivity by 150%.
- Managed And Mentored 5+ events and workshops to teach about web and backend development.

PROJECTS

• [MockView](#)

Tech Stack: Next.Js, Redis, PostgreSQL, NeonDB, Drizzle-ORM, Clerk

Worked on :

1. Full-stack Ai mock test generator along with Ai feedback, rating , test reports with **Pagination** and Sorting of Test History.
2. Built a high-performance PDF generation and email system with Node.js, **BullMQ**, **PDFKit**, and **Nodemailer**, handling 1000+ requests/min with 99.9% uptime, reducing server load by 40%, and improving response times by 50%
3. Implemented **rate limiting** and **caching** for frequently accessed interviews using **Redis**, reducing access time from 2 seconds to 60ms, and preventing spamming or excessive resource usage.

• [Threadify](#)

Tech Stack: React.Js, Chakra-UI, Node.js, MongoDB

Worked on :

1. Built reel video streaming with Node.js **streams**, handling 50MB videos via HTTP Range requests, improving memory efficiency by 30%, and enhancing playback by 20% with **metadata caching and compression**.
2. Integrated real-time **video calling** and messaging with **WebRTC** and **WebSockets**, optimizing **peer connections** via **STUN** servers and ensuring 99.9% uptime for seamless in-app communication.
3. APIs for user Sign-Up/Login (Used JWT Authentication).
4. Efficient state management using Recoil in React along with Chakra-UI.

• [Travel World](#)

Tech Stack: NodeJs, MongoDB, ReactJs

Worked on :

1. Integrated OpenAI-powered **chatbot** for streamlined trip planning in TravelWorld.
2. Integrated **Razorpay payment gateway** for secure transactions and reducing payment processing time by 40%.
3. Implemented **role-based access control**, ensuring data security with a 100% reduction in unauthorized access.

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

COURSES AND CERTIFICATIONS

Full stack web development Bootcamp.- Udemy ([Certificate](#))

React by freeCodecamp - FreeCodeCamp ([Audited](#))