Yatendra Upadhyay
Backend Developer
Sector 62, Noida, UP
Coding Ninjas </>   GeeksforGeeks 🎓

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🌐 Portfolio
GitHub ⊙   LinkedIn 🔗

KEY SKILLS

Languages: JavaScript, Python, C++, C, Html, CSS, SQL

Frameworks: NodeJS, Express.Js, EJS, Django, Spring Boot ,ReactJS, NextJS,

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 to Jun-2024
  - Contributed to the development of two websites for FlatPayy and GharPayy using HTML, CSS, React.Js, and Bootstrap, increasing user engagement by 30% and decreasing bounce rate by 25%.
  - Practiced and applied Javascript, PHP, Model View Controller framework, HTTP/HTTPS, Basics of EC2 instance, Client-Server Model, Git, and Docker Composer.

- **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**](#) **GitHub** ⊙   *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, minimizing 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**](#) **GitHub** ⊙   *Tech Stack: React.Js, Chakra-UI, Node.js, MongoDB*
  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** and **metadata caching**.
  2. Developed 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**](#) **GitHub** ⊙   *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.

  [**Other Projects:**](#)
  I have also worked on many minor projects in Spring Boot with JAVA, Django with Python, and GoLang.

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)](#)