Yuvraj Singh Bhadouria

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PROFESSIONAL SUMMARY

Results-driven **Software Developer** and a recent graduate with strong problem-solving skills and a proven ability to collaborate effectively in **cross-functional teams**. Adept at leveraging modern technologies to develop innovative solutions and eager to contribute to **dynamic development** environments.

PROFESSIONAL EXPERIENCE

Youth India Foundation   **Aug 2024 - Sept 2024**

Full-Stack Developer Intern

- **Maintained multiple organizational websites** with Next.js on the frontend and Nest.js on the backend.
- Leveraged Next.js **server-based** components to optimize performance, **achieving up to a 40% improvement** in page load times and reducing server response latency.
- **Managed AWS EC2 instances**, ensuring application reliability, scalability, and efficient resource management.
- **Troubleshot issues**, implemented updates, and enhanced user experience across various websites.
- Gained valuable skills in **full stack development, cloud infrastructure management**, and **performance optimization.**

C3iHub, IIT Kanpur   **May 2023 - July 2023**

Full-Stack Developer Intern

- **Collaborated with the design team** to develop and implement the front-end of the official C3iHub website using React.js in a team environment resulting in a modern, responsive, and user-friendly interface for the organization.
- Developed a full-fledged Blog Application using the **MERN** stack.
- **Implemented RESTful APIs** using Node.js to facilitate seamless communication between the front-end and the back-end and used **Context API**, which improved data sharing and state updates across components, resulting in a performance **enhancement of up to 30%** by reducing unnecessary re-renders and API calls.
- **Utilized Express.js** to create robust server-side logic and efficiently handle user authentication. **MongoDB** was used as a database to ensure optimal data storage and retrieval.

PROJECTS

WordWeave (Chat SaaS Application) | *Next.js, Typescript, Firebase, Firestore, Stripe, Google Cloud Api & Services*

- SaaS application that enables seamless multilingual communication, allowing users to chat in their preferred language while messages are automatically translated using AI.
- Integrated real-time language conversion, ensuring messages are displayed in the recipient's chosen language (e.g., Hindi to English and vice versa).
- Live at: https://wordweave-ai.vercel.app | GitHub: https://github.com/yuvrajzingh/WordWeave

SocioPedia (Social Networking) | *Next.js, Typescript, MongoDB, Clerk (authentication), Shadcn/ui, Tailwind CSS*

- A social networking & microblogging app that allows users to interact and foster connections among like-minded individuals
- Designed the application with **scalability** in mind, allowing for future growth and increased user engagement.
- **Live at:** https://sociopedia-yuzi.vercel.app | **GitHub:** https://github.com/yuvrajzingh/Sociopedia

PayMate (Blockchain Wallet) | *solidity, Hardhat, MetaMask, React.js, Node.js, Express.js, Tailwind CSS*

- An application that facilitates **decentralized payments** between individuals and businesses on the **blockchain**.
- Integrated MetaMask for users to access their Ethereum wallet.
- Deployed and Verified the Smart Contract on HardHat.
- **Live at:** https://paymate-client.vercel.app/ | **GitHub:** https://github.com/yuvrajzingh/PayMate

LANGUAGES & SKILLS

- **Programming Language -** C++, JavaScript, Python, HTML, CSS, Solidity
- **Frameworks & Libraries -** React.js, Next.js, Tailwind CSS, Node.js, Express.js, Django
- **Database -** MongoDB, PostgreSQL, Firestore, Redis
- **Tools -** Git/GitHub, Excel, Vercel, Docker, Figma, Adobe Lightroom & Photoshop
- **Communication** - Technical Writing, Presentation Skills, Negotiation.

EDUCATION

Bachelor of Technology in Computer Science & Engineering | CGPA - 8.69   **2020-2024**

Kalinga Institute of Industrial Technology, Bhubaneswar, Odisha

CERTIFICATIONS

- Advance React by META.
- Python for Data Science, Ai &Development by IBM.
- AWS Academy Introduction to CloudSemester 1.
- Problem-Solving (Intermediate) byHackerRank.