JayPrakash Sharma

Portfolio | LinkedIn | GitHub | Leetcode

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EDUCATION

Indian Institute of Information Technology, Design and Manufacturing Jabalpur, India
Bachelor of Technology (Electronics and Communication Engineering) *Dec 2021 – Aug 2025*

TECHNICAL SKILLS

Languages	:	JavaScript, Python, GO, TypeScript, HTML, CSS
Tech Stack	:	React.js, Next.js, Node.js, Express, Django, Tailwind CSS, GSAP, Redux, Formik, JWT and GraphQL
Tools & Concepts	:	Git, GitHub, VS Code, MongoDB, MySQL, Operating Systems, OOPs and Networking

EXPERIENCE

Bobble AI Sector 62, Gurugram, Haryana
Software Developer Intern *Jan 2025 – Present*

- Developed and containerized a Go-based API using Clean Architecture to fetch stickers based on time and location, using Viper for configuration, GORM for database access, and Go Migrate for versioning. Added unit tests and automated deployment with GitLab CI/CD for seamless builds and continuous integration.
- Optimized storage efficiency by enforcing file size limits on keyboard prompts with images, reducing storage and CDN costs. Integrated logging to track CRUD operations, similar to GitHub's MR tracking, for better traffic and operational analysis.
- Built and optimized an internal GenAI Dashboard to support task suggestions and task operations (e.g., regenerate, convert to image/text), enhancing productivity and AI interaction.
- Engineered end-to-end functionality for AI-powered task modules, including creation, retrieval, editing, and state management (activation/deactivation), ensuring scalable and maintainable code.

Unsigned Labs Remote
Full Stack Developer Intern *Apr 2024 – Jul 2024*

- Developed a secure one-on-one chat application using NIP-17 and the Nostr, i.e., a decentralized protocol.
- Added end-to-end encryption with NIP-44 to protect user privacy. This encryption used several advanced security methods, such as ChaCha, and HMAC-SHA256.
- Implemented three distinct login systems: an extension-based login using NIP-07, a Private Key login using NIP-49, and a bunker login using NIP-46, each offering unique security and authentication mechanisms.

WooChat Remote
Full Stack Developer Intern *Dec 2023 – Apr 2024*

- Developed a responsive UI using React.js, Next.js, and Tailwind CSS, which increased user engagement by 20%. Enhanced performance through Redux integration, reducing component re-renders by 30%, and implemented lazy loading, leading to a 20% faster initial load time.
- Optimized data handling with GraphQL, cutting API response time by 15%, and enhanced data accessibility by 25% through React-Table's search, pagination, and filtering features.

PROJECTS

Ticketing Simplified (GetIt) *(Nuxt3, Django, Docker, MySQL, Nginix, Apache)* Source Code

- Developed an open-source web application using Django (backend) and Nuxt3 (frontend), serving over 1k users.
- Implemented custom forms, proxy setup, and currently working on Global OAuth.

ChatApp *(React.js, SCSS, Node.js, Express, SocketIO)* Source Code

- Designed and developed a real-time chat website with React.js, SCSS, and SocketIO for seamless user communication. Implemented ReactRouting, boosting page load speed by 40% and user retention by 50%.
- Integrated JWT authentication to enable secure login and signup functionality for an application, resulting in a 90% success rate in authenticating users and preventing unauthorized access.

ACHIEVEMENTS

- Secured **1st place** in **Xiaomi Ode2Code 3.0** Hackathon, triumphing over **40k+** competing teams, by demonstrating exceptional coding skills, innovation, and teamwork.
- Selected as a **Mentee** for the **American Express Campus Discovery Program 2024** - Among **150** selected from **20k+** applicants for knowledge sharing, virtual learning, and reverse mentoring with industry leaders.
- Achieved **1st place** out of 50+ teams in "CanYouHackIt" hackathon for developing a real-time document editor integrated with AI-powered search capabilities.
- Top **8%** on **LeetCode** among **610k** active users globally. Participated in 25+ contests and solved 400+ problems.
- Solved **1000+** coding problems on various platforms (LeetCode, Codeforces), demonstrating proficiency in algorithmic problem-solving, data structures, and coding skills.