PIYUSH JOSHI

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Education

Netaji Subhas University Of Technology — November 2022 - Present
Bachelor of Science in Computer Science — *Dwarka, Delhi*

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Software Engineering
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

Experience

CampusBid — Nov 2024 - Present
Software Engineer Intern — *Dwarka, Delhi*

- Architected, developed, and maintained a comprehensive full-stack platform, ensuring scalability and adaptability to accommodate future user growth and evolving requirements.
- Enhanced platform security by implementing advanced authentication protocols, effectively mitigating vulnerabilities and ensuring robust user data protection.
- Explored ways to visualize and send a daily report of test results to team members using Next.js, Typescript and TailwindCSS.

603TheCoworkingSpace — Aug 2024 - Oct 2024
Full Stack Developer — *Dwarka, Delhi*

- Spearheaded the development and deployment of a high-quality UI/UX, resulting in a 30% increase in user engagement on the company's website
- Built and scaled web applications using the MERN stack (MongoDB, Express, React, Node.js), reducing page load times by 35%.
- Optimized application performance using Next.js and Tailwind CSS, achieving a 50% improvement in site speed.
- Achieved a certificate for **Full Stack Development**.

Projects

LinkHub | *Next.js, Node.js, Redux, Cloudinary, MongoDB* — **August 2024**

- Developed a dynamic social media platform enabling users to create posts with images and videos, manage profiles, and update profile pictures seamlessly.
- Implemented robust follow and unfollow functionality, fostering interactive user engagement and enhancing community building.
- Integrated technologies like Cloudinary for efficient media storage and delivery, coupled with MongoDB for scalable and secure data management.

Blink'N'Blog | *Next.js, Node.js, Cloudinary, MongoDB* — **May 2024**

- Blink'N'Blog is an innovative and user-friendly platform dedicated to empowering users to create, manage, and share blogs effortlessly.
- Intuitive Blog Creation: The platform offers a rich-text editor and customizable templates, making it easy for users to design professional and appealing blogs without technical expertise.
- Community Engagement: Readers can engage with blog authors through comments, likes, and shares, fostering a vibrant and interactive community.

Snap'N'Shop | *React, Node.js, Stripe, Redux, MongoDB* — **February 2024**

- Snap'N'Shop is a comprehensive e-commerce platform meticulously crafted using the MERN stack.
- Secure Payment Processing: Integrated payment gateways ensure transactions are protected with robust encryption and fraud prevention mechanisms.
- Customer Reviews and Ratings: Users can leave reviews and ratings for products, helping shoppers make informed decisions.

Technical Skills

Development Languages & Frameworks: MERN Stack (MongoDB, Express.js, React, Node.js), TypeScript, JavaScript (ES6+), Java, Next.js, Python, C++, GraphQL

Frontend Skills: HTML5, CSS3, React.js (Hooks, Context API), Tailwind CSS, Redux/Redux Toolkit, Material-UI (MUI), Responsive Design

Backend & Database: Node.js, Express.js, RESTful APIs, MongoDB (Mongoose), PostgreSQL, MySQL, Authentication (OAuth, JWT, Passport.js), Socket.IO, WebSockets

DevOps & Cloud: Docker, AWS (EC2, S3, Lambda, RDS), CI/CD Pipelines (GitHub Actions)

System & Tools: Git/GitHub/GitLab, Linux Systems, Shell Scripting, Postman