

Praveen Maurya

Portfolio: <https://iampraveen.vercel.app/>
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EDUCATION

- **Indian Institute of Information Technology Ranchi** Jharkhand, India
Bachelor of Technology - Electronics and Communication Engineering ; GPA: 7 November 2022 - June 2026

SKILLS SUMMARY

- **Languages:** Python, Java, Go, Golang, Scala, PHP, C/C++, JavaScript, HTML, CSS, SQL
- **Frameworks:** Node.js, Next.js, React.js, Express.js, Three.js, Apache Spark, Bootstrap, Tailwind CSS
- **3D & Graphics:** Three.js, WebGL, 3D Modeling, Interactive Animations, Scene Management, Geometry
- **Big Data & AI/ML:** Apache Spark, Apache Kafka, Hadoop, ETL pipelines, NLP, Machine Learning
- **Blockchain & Web3:** Metamask, Solana, Wallet Integrations, Smart Contracts, Document Verification
- **Tools:** Docker, GIT, PostgreSQL, MySQL, SQLite, Redis, JWT, OAuth, WebRTC
- **Cloud & Platforms:** Linux, AWS (EC2, RDS, S3, Lambda), Microservices, Distributed Systems

EXPERIENCE

- **Samsara Innovations** Remote
Full Stack Developer June 2025 – Present
 - **Scalable Solutions:** Developed enterprise solutions using Go microservices and distributed systems. Implemented Three.js visualizations for data analytics dashboards. Participated in Agile sprints with quality deliverables.
 - **Frontend Development:** Built 30+ responsive React native screens with JWT authentication and interactive 3D components using Three.js. Integrated payment gateways and improved performance by 40%.
- **Alpixn Technologies Pvt Ltd** Remote
Full Stack Developer Dec 2024 – May 2025
 - **SaaS Development:** Led 3 SaaS projects using React/Next.js, Node.js, PostgreSQL. Created immersive 3D user experiences with Three.js. Optimized APIs by 65% via Redis caching and implemented OAuth.
 - **Cloud Infrastructure:** Built ETL pipelines for 2TB+/month data with WebGL-based visualization dashboards. Architected AWS deployments (EC2, RDS, S3) with CI/CD using Docker (99.9% uptime).
- **Self-Employed** Remote
Freelance Full-Stack Developer Aug 2024 – Dec 2024
 - **Inclusify E-commerce Platform:** Github Live E-commerce platform with **blockchain document verification** and interactive 3D product previews using Three.js. Integrated **Metamask wallet** for Web3 authentication and payments.
 - **Blockchain Document AI System:** Github Live AI/ML platform with 92% accuracy using Python & NLP. Features 3D document visualization with Three.js and WebGL rendering. Integrated **Metamask wallet** for Web3 authentication, 1s loads.

PROJECTS

- **SalonSphere:** Github Live Multi-branch architecture with PostgreSQL, Redis handling 10K+ daily transactions, 500ms latency.
- **Interactive 3D Portfolio with Three.js:** Github Live Built immersive 3D portfolio using **Three.js, WebGL, and React.js** with realistic lighting and shadows.
- Implemented interactive 3D models, particle systems, and smooth camera animations for enhanced user experience.
- Features responsive 3D scenes, geometry transformations, and performance-optimized rendering for 60fps on all devices.
- Integrated custom shaders and material systems with physics-based animations and scroll-triggered 3D interactions.

ACHIEVEMENTS

- **Competitive Programming:** Codeforces 1200 (Pupil) E*, Codechef 1400 (2*) E*, LeetCode 150+ Problems E*
- **Problem Solving:** Solved 500+ DSA problems across multiple platforms
- **3D Development:** Created 5+ interactive Three.js applications with complex geometries and animations
- **Recognition:** Selected for Google Solution Challenge Regional Bootcamp
- **Hackathons:** Shortlisted for Amazon Sambhav Hackathon 2024