

# Praveen Maurya

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

GitHub: <https://github.com/satyam-svg>

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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, jls loads.

## PROJECTS

- SalonSphere:** Github  Live 
  - Multi-branch architecture with PostgreSQL, Redis handling 10K+ daily transactions, j500ms latency.
  - Built financial engine with D3.js dashboards and Three.js 3D analytics visualization, JWT authentication supporting 5 roles and 500+ sessions.
  - Implemented secure RBAC with payment gateway integration and JSON web token management.
- 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) , Codechef 1400 (2\*) , LeetCode 150+ Problems 
- 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