

Aman Singh

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💡 Summary

Full-Stack Web Developer skilled in **JavaScript (ES6+), React.js, Next.js, Three.js, and Node.js**. Experienced in building **scalable web applications, interactive 3D web experiences, and RESTful APIs**. Passionate about **performance optimization, UI/UX, and backend development**. Currently pursuing **MCA at Chandigarh University**.

✂️ Technical Skills

- ✅ **Languages:** JavaScript (ES6+), HTML, CSS
 - ✅ **Frontend:** React.js, Next.js, Three.js, Tailwind CSS, Responsive UI
 - ✅ **Backend:** Node.js, Express.js, RESTful APIs, Authentication (JWT/OAuth)
 - ✅ **Databases:** MongoDB, SQL
 - ✅ **Tools:** Git, GitHub, Postman
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🚀 Projects

🌐 3D Solar System (Three.js)

- ◆ Built an **interactive 3D solar system simulation** with realistic planetary orbits.
- ◆ **Optimized rendering performance by 40%**, improving FPS and reducing lag.

📱 All-in-One Social Media App (Full Stack)

- ◆ Developed a **social media platform** using **React.js, Node.js, Express.js, MongoDB**.
- ◆ Integrated **real-time chat** and optimized database queries, handling **5,000+ daily users**.

🚀 SaaS-Based Web Application

- ◆ Engineered a **cloud-based automation platform**, reducing manual work by **50%**.
 - ◆ Implemented **role-based authentication and secure API endpoints**.
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🎓 Education

- 🎓 **MCA (Pursuing)** | Chandigarh University (2023 – 2025)
 - 🎓 **B.Sc. in Computer Science** | Punjab University (2019 – 2023)
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📜 Certifications

Meta Front-End Developer, Meta Back-End Development & Microsoft Azure Cloud Services