

# Alok Ranjan Thakur

Frontend Developer

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## EDUCATION

### Indira Gandhi National Open University (IGNOU)

*Bachelor of Computer Applications (BCA)*

New Delhi, India

(2021 – 2024)

Core Subjects:

- Data Structures & Algorithms
- C++ Programming
- Operating Systems
- Web Development
- Computer Networking
- Database Management (DBMS)

### RPVV B-1 Vasant Kunj (CBSE Board)

*Higher Secondary*

New Delhi, India

(2020 – 2021)

Relevant Coursework: Mathematics (95%), Computer Science (92%), Statistics

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## TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, HTML5/CSS3, C++
- **Frontend:** React.js, Next.js, Redux, Context API, Tailwind CSS, SCSS
- **Tools:** Git, Webpack, Vite, Jest, Postman
- **Backend:** Node.js, Express.js, REST APIs, MongoDB
- **Design:** Responsive Design, Figma, Material-UI, Framer Motion
- **DevOps:** CI/CD Pipelines, Netlify, Vercel, Docker Basics

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## PROJECTS

### Social Media Dashboard

*React — Context API — Tailwind — JWT*

- Developed interactive dashboard with real-time analytics
- Implemented mobile-first responsive design with dark mode
- Optimized performance using React memoization techniques

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### E-Commerce Platform

*Next.js — Redux — Stripe — MongoDB*

- Built SEO-optimized storefront with SSR/ISR
- Integrated payment gateway handling test transactions
- Developed product filters with debounced search

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### Real-Time Chat App

*Socket.io — React — Node — JWT*

- Implemented WebSocket communication with message persistence
- Added typing indicators and read receipts
- Secured endpoints with rate limiting

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## CERTIFICATIONS

- **Namste JavaScript** - Akshay Saini
- **Namaste React** - Akshay Saini
- **Web Dev Master(Udemy)** - Hitesh Choudary
- **Frontend System Design** - Akshay Saini
- **Frontend Mentor** - 25+ Completed Challenges