

# ANKIT KUMAR

Greater Noida | [ak537664@gmail.com](mailto:ak537664@gmail.com) | [LinkedIn](#) | [Portfolio](#)

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## PROFESSIONAL SUMMARY

Full-stack developer with proven expertise in building scalable web applications and blockchain solutions. Strong proficiency in React, Next.js, Node.js, and Web3 technologies. Demonstrated ability to deliver high-performance applications with exceptional user experience. Seeking opportunities to contribute technical expertise and drive innovation in software development.

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## TECHNICAL SKILLS

**Programming Languages:** C++, TypeScript, JavaScript, Python

**Frontend:** React.js, Next.js, Redux, Tailwind CSS, Framer Motion, TanStack Query, Vite

**Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, WebSockets

**Web3 & Blockchain:** Solana, Phantom Wallet Integration, Smart Contracts, Web3.js

**Database:** MongoDB, Firebase, MySQL, PostgreSQL, Mongoose

**Tools & Platforms:** Git, GitHub, Vercel, Netlify, VS Code

**DevOps & Deployment:** Vercel, Netlify, Docker (basics)

**Technical Concepts:** Web Performance Optimization, SEO, Scalability, Modular Architecture, Responsive Design

**Soft Skills:** Problem-Solving, Agile Methodologies, Collaboration, Technical Communication

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## PROFESSIONAL EXPERIENCE

### Full-Stack Developer Intern — Explified

May 2025 - Aug 2025

- Developed and deployed multiple Chrome extensions using MERN stack with focus on UI/UX, performance, and maintainability
- Built AI tools and platforms implementing automation workflows to streamline business processes
- Collaborated with product teams as Technical Product Manager to ensure product-engineering alignment
- Managed agile sprints and requirements to deliver user-focused features on schedule

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## PROJECTS

### CEREBRO — AI-Powered Personal Knowledge Hub

**Oct 2022 - Present**

*Tech Stack: React, TypeScript, Node.js, Express, MongoDB, Tailwind CSS, Vite, Cloudinary*

- Built full-stack application with secure REST APIs and shareable public links for knowledge management
- Implemented semantic vector search using cosine similarity and top-k algorithms for intelligent content retrieval
- Engineered responsive masonry UI with category filters, in-page search, and resilient YouTube/Twitter embeds
- Integrated multimedia support for image and audio uploads with Cloudinary CDN
- Deployed on Vercel with optimized database queries for improved performance

### SnapEats — Full-Stack Food Delivery Application

**2020-2021**

*Tech Stack: MongoDB, Express.js, React, Node.js, JWT, Tailwind CSS, Stripe Payment Gateway*

- Engineered full-stack food delivery platform with comprehensive admin dashboard showcasing MERN stack expertise
- Implemented persistent cart functionality with real-time synchronization across browser sessions
- Integrated Stripe payment gateway for secure payment processing and PCI compliance
- Developed robust JWT authentication and authorization system with role-based access control
- Enabled real-time order status tracking and implemented database query optimization for 40% performance improvement

### Solana Token Launchpad — Token Management Platform

*Tech Stack: React, TypeScript, Solana Web3.js, Wallet Adapters, Tailwind CSS*

- Built decentralized token launchpad enabling users to create, deploy, and manage SPL tokens on Solana blockchain
- Implemented token creation workflow with comprehensive metadata configuration (name, symbol, decimals, URI)
- Integrated multi-wallet support using Wallet Adapters (Phantom, Solflare, etc.) for seamless user authentication and transactions
- Deployed tokens to both Solana Devnet and Mainnet with real-time transaction status tracking

- Engineered token management features including metadata updates, supply control, and ownership management
  - Optimized transaction fees and implemented error handling for robust user experience
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## EDUCATION

### GALGOTIAS COLLEGE OF ENGINEERING AND TECHNOLOGY

#### Bachelors of Technology in Computer Science

Expected Graduation: 2026 | CGPA: 8.3/10

### ARMY PUBLIC SCHOOL, NASIRABAD

- Upper Secondary School (Class XII, Mathematics): 93.8%
  - Lower Secondary School (Class X): 94.6%
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## ADDITIONAL ACHIEVEMENTS

- Created over 20 React projects demonstrating practical application of frontend development principles
  - Actively solved multiple Data Structures and Algorithms (DSA) problems in C++ and Python
  - Active GitHub contributor with strong commitment to open-source development and clean code practices
  - Built portfolio projects for learning in public and community engagement
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## CERTIFICATIONS & CONTINUOUS LEARNING

- Web3 & Blockchain Development (Self-directed)
- Full-Stack Web Development (MERN/Next.js)
- Data Structures and Algorithms specialization