

Arjun Gupta

Software Engineer

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Delhi

SUMMARY

Software Engineer who enjoys turning ideas into functional, user-friendly web applications. I have experience working across the full stack using technologies like React.js, Next.js, TypeScript, Node.js, Express.js, PostgreSQL and MongoDB, along with modern UI tools like Tailwind CSS and Material UI. Currently, I'm learning DevOps fundamentals to gain a better understanding of scalable systems and deployment workflows. I believe growth comes from building, breaking, and learning continuously.

TECHNICAL SKILLS

- **Frontend:** React.js, Next.js, JavaScript (ES6+), Redux Toolkit, Tailwind CSS, TypeScript
- **Backend:** Node.js, Express.js, REST APIs, JWT Authentication
- **Database:** MongoDB, PostgreSQL
- **Cloud & DevOps:** AWS(S3, EC2, Lambda-Basic), Docker
- **CS Core:** Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks
- **Tools & Platforms:** Git, GitHub, Postman, Vercel, Netlify, Linux (Bash Scripting, Permissions)
- **Testing & Security:** Jest, Helmet, Rate Limiting, Express Validator, bcrypt, RBAC, Clerk Auth

EDUCATION

Master of Computer Applications (MCA)

CDAC, Noida (Guru Gobind Singh Indraprastha University)

Sept 2025 - Jul 2027 (Expected) | CGPA: 8.8/10

Noida, UP

Bachelor of Computer Applications (BCA)

SGTBIM & IT, Delhi (Guru Gobind Singh Indraprastha University)

Sept 2022 - Jul 2025 | CGPA: 8.8/10

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PROJECT

Taste Buds Treat – E-commerce Web Application | taste-buds-treat.vercel.app

- Engineered a full-stack food ordering platform using the MERN stack, featuring dynamic menu management and cart functionality.
- Implemented a secure payment flow using **Razorpay Webhooks** to handle transaction verification, minimizing failed order states by **99%** and ensuring data integrity.
- Integrated **Clerk Authentication** for robust session management, creating secure, **role-based access control (RBAC)** for user and admin dashboards.
- Integrated third-party services (payments, email, auth)
- Developed an administrative dashboard visualizing real-time sales statistics and order status updates.
- Automated order confirmation workflows using **Nodemailer**, providing instant transactional emails to users.

Shortify – URL Shortener Micro-SaaS | dacoidlinkshortner.netlify.app

- Architected a high-performance URL shortening service capable of QR code generation and instant link resolution.
- Designed a custom analytics engine that tracks and visualizes **geolocation data, device types, and click timestamps** using interactive charts.
- Optimized database schemas to support efficient user-specific link tracking and **pagination** for high-volume data.
- Secured user data with **JWT authentication**, ensuring private access to personal link history and analytics

FinTrack – Financial Management REST API | [FinTrack-API](#)

- Built a secure REST API using Node.js, Express, and PostgreSQL (Supabase)
- Implemented **JWT authentication** and **role-based access control** (VIEWER, ANALYST, ADMIN)
- Designed financial records system with filtering, **soft deletes**, and **role-based restrictions**
- Integrated **Prisma ORM** and **Zod validation** for efficient, **type-safe** data handling
- Applied **rate limiting** and **Swagger documentation** to enhance API security and usability

CERTIFICATIONS

- Software Engineer – HackerRank January 2026
- Frontend Development using React.js – HackerRank April 2025
- MongoDB and the Document Model – MongoDB University September 2023
- Linux – Udemy June 2025
- VMware – Cloud and Virtualization concepts September 2023