

Arjun Gupta

Full Stack Developer

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PROFESSIONAL SUMMARY

MCA Scholar and Full Stack Developer specializing in the MERN stack. Passionate about engineering scalable web solutions, with a strong focus on system architecture, secure authentication, and performance optimization. Experienced in building complex applications including custom analytics engines and multi-user e-commerce platforms. Currently expanding expertise in DevOps pipelines and cloud deployment.

TECHNICAL SKILLS

Frontend: React.js, Next.js, JavaScript (ES6+), TypeScript, Redux, React Router, Tailwind CSS, Material UI

Backend: Node.js, Express.js, REST APIs, JWT Authentication, Clerk Authentication, Razorpay, Nodemailer

Database: MongoDB, MySQL

Tools & Platforms: Git, GitHub, Postman, Vercel, Netlify, Linux (Bash Scripting, Permissions)

PROJECT EXPERIENCE

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.
- 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

DotBlog – Blogging Platform | blogingdotblog.netlify.app

- Built a comprehensive blogging ecosystem allowing users to create, edit, and manage rich-text content via an integrated Markdown editor.
- Boosted Core Web Vitals performance by implementing **lazy loading** and **image optimization** via Cloudinary, significantly **reducing initial page load time by ~55% (from 2.5s to 1.05s)**.
- Implemented advanced filtering systems, allowing content discovery through tags, categories, and keyword search.
- Designed a responsive, accessible UI ensuring seamless readability across mobile and desktop devices

EDUCATION

Master of Computer Applications (MCA) (Pursuing) — CDAC, Noida (GGSIPU) | 2025–2027

Bachelor of Computer Applications (BCA) — SGTBIM & IT, Delhi (GGSIPU) | 2022–2025 | CGPA: 8.8/10

CERTIFICATIONS

- Software Engineer – HackerRank
- Frontend Development using React.js – HackerRank
- MongoDB and the Document Model – MongoDB University
- Linux – Udemy