

# Arjun Gupta

Full Stack Developer

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Portfolio: [arjun-gupta-developer.vercel.app](https://arjun-gupta-developer.vercel.app) | GitHub: [github.com/Arjung352](https://github.com/Arjung352) |

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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](https://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](https://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](https://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