

EDUCATION

JECRC UNIVERSITY | 2025

MCA IN COMPUTER SCIENCE

CGPA: 8.57 | Jaipur, Rajasthan

MDS UNIVERSITY | 2023

BCA IN COMPUTER SCIENCE

CGPA: 7.68 | Ajmer, Rajasthan

COURSEWORK

GRADUATE

- Java
- Python
- Data Science and ML
- Git and GitOps
- Data Structures and Algorithms
- Full Stack Development
- Android Development (Kotlin/Java)
- Object-Oriented Programming

UNDERGRADUATE

- C++
- Java
- Database Management Systems
- Data Structures and Algorithms
- Operating Systems
- Computer Graphics

SKILLS

PROGRAMMING LANGUAGES

- Java
- Python
- JavaScript, TypeScript

TECHNOLOGIES

- Docker
- Firebase, Expo
- SQL, PostgreSQL
- MongoDB, Realm
- Redis, Kafka
- GitHub, GitLab
- Transformers, PyTorch, TensorFlow

FRAMEWORKS & LIBRARIES

- Node.js
- React.js/Next.js
- Flask/FastAPI
- React Native/Native Modules

SOFT SKILLS

- Problem-Solving
- Public Speaking
- Cross-Team Collaboration
- Rapid Learning

PROJECTS

CARBIKE4U AUTOMOBILE MARKETPLACE PLATFORM | Live

NEXT.JS | NODE.JS | MONGODB | REDIS | RABBITMQ | DOCKER | AWS S3

- Architected a 7-service microservices backend with REST API gateway and frontend modules using React.js and Next.js.
- Reduced API response time by 40% using Redis, RabbitMQ, and MongoDB aggregation pipelines across the platform.
- Developed admin panel with CRUD operations, AI-powered content rewriting, automated web scraping pipelines, and AWS S3 file storage.

HOTEL POS SYSTEM HOTEL POINT OF SALE SYSTEM | Live

NEXT.JS | MONGODB | REDIS | AWS S3 | CHART.JS

- Launched QR-based hotel POS with digital menus, live kitchen order tracking, cart, role-based filtering, and payment management.
- Cut query response time by 35% via Redis caching, MongoDB aggregation pipelines, AWS S3, and Next.js API optimization.
- Engineered inventory, analytics, and reporting modules with low-stock alerts, dashboards, PDF/Excel exports, and real-time revenue tracking.

SBLAST APP OFFLINE-FIRST MINE BLASTING APP | Link

REACT NATIVE | REALMDB | REACT NATIVE SVG | HTML CANVAS

- Built offline-first React Native app for real-time mine blast capture, cutting field data entry time by 40%.
- Persisted blast data offline via RealmDB with auto-sync.
- Added interactive 2D borehole views, blast charts, and data filters.

OTHER PROJECTS ML | APP | FULL STACK | PRODUCTIVITY TOOLS

- **BTTN App:** Ride-hailing app with real-time driver assignment and tracking.
- **AI Club:** Multi-AI desktop app with parallel AI responses.
- **Web Controls:** Chrome extension for dark mode and video controls.

EXPERIENCE

JSB GLOBAL INFOTECH | MERN STACK DEVELOPER | Certificate

May 2025 - May 2026 | Full Time

- Deployed React Native (Expo) applications and built React.js/Next.js web platforms, including admin panels and public-facing frontends.
- Structured backend microservices using Redis, Docker, AWS S3, and AI pipelines to automate scraping and rewriting automotive blogs/news content.
- Shipped web and mobile apps using REST APIs, RealmDB, and advanced MongoDB pipelines, reducing API response time by 35%.

CODEALPHA | DATA SCIENCE INTERN | Certificate

July 2024 - August 2024 | Remote

- Applied feature engineering on datasets, boosting ML model accuracy by 70%.
- Enhanced ML model accuracy by 15% via data visualization and optimization.
- Achieved 90% precision on tasks, delivering all projects ahead of deadlines.

ACHIEVEMENTS AND CERTIFICATIONS

Deep Learning and AI Certificate (KPMG International)

Responsible Generative AI (Microsoft)

Java Certificate (HackerRank)