

RAMDEO YADAV

+91 9354067818 | ramdeoyadav4545@gmail.com | LinkedIn | Leet-Code | GitHub

EDUCATION

Master of Computer Applications (MCA)

National Institute of Technology, Kurukshetra | CGPA: 7.3/10 | 2019 – 2022

PROFESSIONAL EXPERIENCE

Software Engineer – Aster DM Healthcare

Jul 2025 – Oct-2025 | Gurugram

- Designed and developed **secure, scalable backend services** for a healthcare survey system using **Python and Django REST Framework**.
- Built and integrated **RESTful APIs and microservices**, ensuring efficient data handling and system interoperability.
- Optimized backend performance with best practices in **API security, scalability, and maintainability**.
- Implemented and supported **CI/CD pipelines** with GitHub Actions, enabling automated deployments on **AWS Cloud**.

Software Engineer – Freelance Projects

Jan 2025 – Jun 2025 | Remote

- Delivered **end-to-end applications** by gathering requirements, designing architecture, and implementing **Python/Django APIs**.
- Developed **responsive UIs with React.js** and integrated them with secure backend services.
- Automated deployment pipelines using **Jenkins + AWS EC2**, ensuring **reliable CI/CD practices**.

Software Engineer – Ciena India Pvt Ltd.

Jan 2022 – Jul 2024 | Gurugram

- Participated in the design and development of **NGSTAF CI Regression Dashboard**, a real-time platform used by the CI team to analyse automation scripts written by the EIT team.
- Contributed to both **backend (Python/Django, REST APIs)** and **frontend (React.js, Material UI)**, delivering a full-stack solution for test execution insights and reporting.
- Engineered **microservices in Python/Django**, improving API throughput by **35%** and ensuring enterprise-grade
- Built a **CI/CD framework** (Docker + GitHub Actions + Jenkins), reducing release cycles by **40%** and improving delivery confidence.
- Automated deployments on **AWS** and optimized cloud infrastructure for security and cost efficiency.

KEY PROJECTS

- Inventory Management System** – Full-stack system (**ReactJS + Django + PostgreSQL**) enabling real-time inventory tracking with optimized APIs and intuitive dashboards.
- NLP Answer Evaluation System** – High-performance **REST APIs** using NLP cosine similarity models for concurrent student answer evaluation.

TECHNICAL SKILLS

- Languages:** Python, JavaScript (ES6+), TypeScript, Core Java, C/C++
- Frameworks:** Django, Django REST Framework, Flask, Fast-API, React.js, Material UI
- Databases:** PostgreSQL, MySQL, MongoDB
- DevOps & Cloud:** Docker, Kubernetes, AWS, Jenkins, GitHub Actions, Linux, Redis
- AI/ML & Data:** NumPy, Pandas, NLP (cosine similarity), Data pipelines, Analytics dashboards
- Core CS:** Data Structures & Algorithms, OOP, Multi-threading, Debugging
- Testing & Automation:** CI/CD pipelines, API & functional testing, Code Reviews

CERTIFICATIONS & ACHIEVEMENTS

- Published **Research Paper** – EPRA Journal (IJRD), Mar 2021
- Solved **800+ Leet-Code problems** | Contest Rating: 1536
- Secured **AIR 332** in NIMCET (Top NITs MCA Entrance Exam)