

Aryan Mishra

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EXPERIENCE

SDE-1, Medecro [🔗](#) 08/2025 – Present | Noida

- **Sole backend owner** for the company's health-tech suite (CMS, PMS, EHR, AI Radiology) — responsible for architecture, development, and delivery.
- Scaled backend to support **3× more concurrent users** without performance loss; launched key modules like real-time appointment scheduling and secure medical file sharing.
- Architected a distributed AI inference pipeline for radiology, cutting scan processing time **by 40%**.
- Led DevOps improvements with automated rollbacks, blue-green deployments, and proactive monitoring using Prometheus & Grafana.

SDE Intern, Medecro [🔗](#) 08/2024 – 07/2025 | Noida

- Built the **entire backend** from scratch as the only backend engineer, covering system design, API development, and infrastructure setup.
- Developed REST APIs powering web, mobile, and admin platforms; integrated AI/ML models into production with the data science team.
- Implemented secure **authentication** using ORY Kratos/Keto in Go and managed deployments with Docker, Kubernetes, and Helm.

SDE Intern, AutoText 05/2024 – 08/2024 | Remote

- Integrated a payment gateway, enabling **secure and real-time transactions**, improving user checkout reliability.
- Enhanced authentication flow, reducing login failures and improving security.
- Developed multiple UI components, ensuring smooth user experience across the platform.

Software Engineering Intern, 01/2024 – 05/2024 | Remote
Engineering Innovations Research Lab Pvt Ltd [🔗](#)

- Developed APIs for user registration, scheduling, and payments; optimized MongoDB queries.
- Built authentication & RBAC for role-specific access control.

SKILLS

Backend & Programming — Node.js, TypeScript, Python, REST APIs, GraphQL, Microservices, Go, ORY Kratos, ORY Keto, JWT, RBAC, **Databases & Storage** — PostgreSQL, MongoDB, NeonDB, Redis, Prisma, Database Seeding, Query Optimization, Caching, **DevOps & Cloud** — Docker, Kubernetes, Helm, CI/CD, GitHub Actions, Jenkins, Prometheus, Grafana, Linux, Bash, **AI/ML Integration** — Deep Learning, CNN, AI Model Deployment, Python ML Pipelines, **Tools & Others** — Git, GitHub, Postman, Swagger

EDUCATION

B.Tech, Madhav Institute of Technology and Science 2021 – 2025 | Gwalior
CGPA- 8.57

Higher Secondary, Jawahar Navodaya Vidyalaya 2019 – 2020 | Umaria
Percentage- 93.4%

CERTIFICATES

- Fundamentals of Backend Engineering - Udemy [🔗](#)
- Full Stack Web Development – Udemy [🔗](#)

PROJECTS

Verbi [🔗](#)

Developed Verbi using Next.js 14, DrizzleORM, and PostgreSQL, featuring AI-powered voices, gamified learning, Shadcn UI, and Stripe integration for seamless user experience.

Quatrix [🔗](#)

Developed **Quatrix**, an automation SaaS that integrates Google Drive, Notion, Slack, and Discord, enabling seamless cross-platform workflows.

Cologram [🔗](#)

Built a MERN stack platform enabling real-time updates on academics, exams, and club activities, improving information flow and overall educational experience.