

# Aryansh Gupta

Lucknow, India

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Full-stack developer with experience building scalable backend systems, automation pipelines, and production ready SaaS applications. Skilled in delivering end-to-end solutions from architecture to deployment.

## EDUCATION

### VIT Bhopal University

B.Tech in Computer Science Engineering

Sept 2022 – Jun 2026

CGPA: 8.25

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Python, Go, Dart (Flutter), SQL, Java, C#, C++

**Backend & Databases:** Node.js, RESTful APIs, Express.js, PostgreSQL, MongoDB, Redis, Kafka, Authentication

**Frontend & Mobile:** React.js, Next.js, Flutter, Tailwind CSS

**DevOps & Tools:** Git, Docker, Prisma ORM, VS Code, Android Studio, Unity, n8n, Jest Testing

## INTERNSHIPS

### PreProdCorp

Data Analyst and SDE Intern

Sep 2024 – Dec 2024

- Benchmarked and evaluated **10+ machine learning algorithms**, improving model efficiency.
- Developed and deployed a production-ready cab-booking platform with real-time ETA prediction, achieving 95% model accuracy and reduced response latency.

### Semantics Cybernetics LLP

Full Stack Web Developer Intern

May 2023 – Sep 2023

- Delivered **5+ responsive production-grade web applications** using Tailwind CSS, JavaScript, and modern frontend tooling.
- Led full-stack development for **4+ key client projects**, including **Hukam's Lalit Mahal by ITC Hotels**, improving delivery timelines by gathering requirements directly from stakeholders.

## PROJECTS

**MailNews** | Go, Next.js, Flutter, PostgreSQL, CRON, NodeMailer, Tailwind CSS, RESTful API

Sep 2025

- Developing MailNews as a scalable MicroSaaS platform delivering AI-summarized personalized news, powered by a Go backend with CRON-based scraping and optimized content indexing.
- Implemented secure subscription and payment workflows, enabling personalized delivery schedules, premium user features, and automated email digests.

**Notecraft-AI** | Express.js, WebSockets, React, AWS, Llama-3, MongoDB, Tailwind CSS, RESTful API

Nov 2024

- Architected a MicroSaaS platform with AI-assisted note-taking, real-time collaboration, live chat, and multi-user sync, reducing note-taking effort by **20%**.
- Integrated AWS Lambda execution for 5+ programming languages with sub-5s runtime, ensuring scalable and cost-efficient compute.

## ACHIEVEMENTS

- Ranked **2nd globally** in the Johns Hopkins Hackathon (USA) and awarded internship through the AI Buildathon.
- Published **5+ apps and games** on the Google Play Store with **1,000+ total users and ongoing updates**.
- Completed skill assessment certifications on HackerRank and CodinGame for various coding languages.

## CO-CURRICULAR

- Led multiple teams as President of the university iOS Club, organizing workshops, events, and technical sessions.
- Received recognition from the Hon. Assistant Vice President for an outstanding project developed for a flagship event.