

Gaurav G Alva

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[🌐 Portfolio](#) [🔗 g.dev/gauravgalva](https://g.dev/gauravgalva)

Education

B.E CSE in Data Science	GPA: 8.57 / 10.0	<i>Sept 2022 - May 2026</i>
Vivekananda College of Engineering and Technology, Puttur		

Relevant Coursework

Cryptography	Data Structures	AI & ML
Database Management Systems	Operating Systems	Gen AI - RAG
Design & Analysis of Algorithms	Big Data Analytics	UI/UX Design

Technical Skills

Programming Languages: **Java, Python, C, PostgreSQL, MongoDB**

Frameworks & Tools: **Django, Figma, Docker, Git & GitHub, Linux, Streamlit**

AI & Data Science: **Numpy, Pandas, Scikit-learn, Google ADK, Hugging Face**

Data Analytics: **Tableau, Power BI, Hadoop**

Cloud Platform: **Google Cloud Platform (GCP)**

Volunteering Experience

Vice Chair - IEEE ComSoc SB

Puttur, Karnataka

IEEE VCET Student Branch

Jan 2025

- Spearheaded an industry-connect exhibition with 200+ participants, fostering collaboration between students and industry experts
- Conducted a hands-on **Git & GitHub** workshop for 100+ students
- Also conducted workshop on **Streamlit framework** for over 30+ participants, increasing student participation in IEEE

Projects

Web-Based Automatic Timetable Scheduler for College

 shiksha-samaya

- Developed a genetic algorithm based system to automatically generate conflict-free college timetable
- Minimized faculty and course conflicts by 95%, Increased timetable utilization efficiency by 30%
- **Tech Stack:** **Python, Streamlit, SQL, Genetic Algorithm**

PatrSrijan - Streamlining Certificate Generation

- Automated certificate generation & email delivery, reducing manual work by 95% from 2 hours for 100 certificates to under 5 minutes
- Improved delivery accuracy to 95% using **Google APIs** vs 60% in prior manual process
- **Tech Stack:** **Django, Python, Google Cloud, HTML, CSS**

Certification

Oracle Data Platform Certified Foundations Associate	<i>Aug 2025</i>
OCI AI Foundation Associate Certified	<i>Aug 2025</i>
Prompt Design in Vertex AI - Google Cloud SB	<i>Aug 2025</i>
Deloitte Australia - Data Analytics Job Simulation	<i>May 2025</i>
Data Analytics Essentials - Cisco	<i>Jan 2025</i>
Cloud Computing Fundamentals - IBM	<i>Dec 2024</i>