Gaurav G Alva

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💻 Portfolio </> g.dev/gauravgalva

Education

Vivekananda College of Engineering and Technology, Puttur *Sept 2022 – Aug 2026*
B.E CSE in Data Science

- GPA: 8.57/10.0

  Relevant Coursework

Theory of Computation	Data Structures	AI & ML
Database Management Systems	Operating Systems	UI/UX Design
Design & Analysis of Algorithms	Computer Networks	Big Data Analytics

Technical Skills

Programming Languages: Java, Python, C, PostgreSQL, MongoDB
Frameworks & Tools: Django, Figma, Docker, Git & GitHub, Linux
AI & Data Science: Numpy, Pandas, Scikit-learn, Google ADK
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
- Organized technical and skill-development programs, increasing student participation in IEEE

Projects

Web-Based Automatic Timetable Scheduler for College

- 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	*Aug 2025*
OCI AI Foundation Associate Certified	*Aug 2025*
Prompt Design in Vertex AI - Google Cloud SB	*Aug 2025*
Deloitte Australia - Data Analytics Job Simulation	*May 2025*
Data Analytics Essentials - Cisco	*Jan 2025*
Cloud Computing Fundamentals - IBM	*Dec 2024*