Contact

www.linkedin.com/in/parthgajmal
(LinkedIn)
medium.com/@prgajmal (Blog)
github.com/parthdatahub
(Personal)
jovian.com/parth007 (Personal)

Top Skills

MCP
Model Context Protocol
Custom MCP

Certifications

Google Cloud - Generative AI

SQL for Data Science

Master Course in Data Science and
Business Analytics 3.0

SQL Certification

Postman API Fundamentals Student
Expert

Publications

Mastering Chat GPT

Conda Base Activation in the VS
Code Terminal

Mastering Python for Data Science

Parth Gajmal

Technical Lead – Artificial Intelligence
Bengaluru, Karnataka, India

Summary

Technical Lead (Data Science & AI) | AI & ML Expert | NLP &
Generative AI | Aerospace & IT Automation

Experienced Senior Data Scientist with 9 years in IT and 6 years in
Data Science, specializing in ML, NLP, Generative AI, and Computer
Vision. Passionate about automation, AI-driven solutions.

Currently working as a Senior Data Scientist at Wissen Infotech,
Bangalore, delivering AI-powered solutions for Fortune 500
Aerospace clients. Awarded "Code Whisperer" for outstanding
contributions in AI automation and innovation.

Technical Skills & Expertise

Programming & Databases: Python | SQL | MySQL | RedshiftNLP
& Generative AI: BERT | GPT | NER Models | LangChain | RAG
Applications | Agentic AIData Analysis & Visualization: Pandas
| NumPy | Matplotlib | Seaborn | TIBCO Spotfire | EDAMachine
Learning & AI: Scikit-learn | Regression | SVM | Decision Trees
| Boosting | EnsembleComputer Vision: OpenCV | Pytesseract
OCR | Object Detection | Image ProcessingCloud & Deployment:
AWS (EC2, S3, Redshift) | GCP (Vertex AI, Firestore) | Docker |
StreamlitWeb Scraping & Data Extraction: BeautifulSoup | Scrapy
| Regex | pdfplumberAutomation & CI/CD: GitHub Actions | CI/CD
Pipelines | Terraform | JIRA | Rally

Key Projects & Achievements

Aerospace & Industrial AI Solutions

1## ESM Comparator Tool (Aerospace) - Automated Engine Service
Manual (ESM) comparisons, improving efficiency by 20%.2##
BERT Model for DR Validation (Aerospace) - Reduced validation
time from 2 hours to 2 minutes using cosine similarity-based BERT

models, increasing efficiency by 50%.3## NER Model for Engine Data Annotation (Aerospace) - Achieved 98% accuracy in defect identification using SpaCy and Doccano.4## DR Intelligence Dashboard (Aerospace) - Built Spotfire-powered dashboards, improving validation accuracy by 40%.

AI & IT Automation

6## Automated Report Generation for ServiceNow (IT Automation) - Automated 80% of manual report generation using GPT-4o-mini and PDF extraction.7## AI-Powered Retirement Advisor Chatbot (Financial Services) - Built an AI-driven chatbot for retirement planning using RAG models and Dialogflow CX.

Predictive Analytics & ML Solutions

8## Aviation Fare & Vehicle Valuator (Insurance & Finance) - Achieved 90%+ predictive accuracy, leading to 15% revenue growth.9## Q&A System Using LLM Models (NLP & AI) - Developed BERT and GPT-powered question-answering systems, enhancing response accuracy.

Education

B.E. Information Technology – Sinhgad College of Engineering, Pune (74.26%)
Diploma in Computer Technology – Bharati Vidyapeeth JNIT, Pune (75.55%)

Experience

GE
2 years

Technical Lead – Artificial Intelligence
April 2025 - Present (5 months)
Bengaluru, Karnataka, India

Data Science Specialist & Machine Learning Engineer
September 2023 - May 2025 (1 year 9 months)
Bengaluru, Karnataka, India

AVI DT-Data Science & Analytics

Sungard Availability Services
Data Scientist
March 2021 - October 2023 (2 years 8 months)

EXELA TECHNOLOGIES SERVICES
Ex. Technical Data Analyst
August 2019 - February 2021 (1 year 7 months)
Pune, Maharashtra, India

Workz
IT Production Assistant
August 2016 - August 2019 (3 years 1 month)
United Arab Emirates

Education

Sinhgad College of Engineering
Bachelor of Engineering - BE, Information Technology · (June 2013 - June 2016)

Bharati Vidyapeeth
Diploma of Education, Computer Science · (June 2010 - June 2013)

Vishwakarma Institute Of Technology
 · (June 2010)