

Puneet Gani

DATA SCIENTIST / DATA ENGINEER

puneetgani01@gmail.com | +91 9739862450 | #10, Radhakrishnan Nagar, Hubballi, Karnataka-580030

EDUCATION

- **Bachelor of Engineering, 8.03 CGPA** | *KLE Technological University* **2020**
- **Pre-University Course in Science (PCMB), 88%** | *Chetan PU science college* **2016**
- **Secondary Schooling - CBSE, 9.2 CGPA** | *Kalpavruksha Model School* **2014**

PROFESSIONAL EXPERIENCE

Asmaitha Wireless Technologies & Nsqared Technologies. | **Data Scientist** **2022 - Present**

- Enhanced health monitoring accuracy by 70% through advanced machine learning models for blood pressure prediction and ECG classification using PyTorch.
- Designed scalable ETL pipelines that reduced data processing time by 50%, automating data cleansing and wrangling across MongoDB and PostgreSQL databases.
- Developed and deployed real-time interactive dashboards for 2,500+ users, using Python and AWS, ensuring 99.9% uptime.
- Built and deployed machine learning classification and regression models using scikit-learn, with model tracking and versioning via MLflow and DVC, improving deployment efficiency by 40%.
- Integrated ChatGPT, Claude, Zapier, Perplexity, n8n, Model Context Protocol, and Google AI Studio to optimize business workflows, automating repetitive tasks, enhancing data accuracy, and reducing manual data processing by 60%.

Selinis software Pvt.Ltd. | **Software Engineer** **2021-2022**

- Increased data processing efficiency by 40% by building and deploying a high-scale data pipeline using Apache Kafka and Spark.
- Delivered Python-based APIs for clickstream data collection, deployed with Docker on Linux, handling 50,000+ events per second.
- Automated workflows and ensured high availability with Python applications, reducing manual intervention by 60%.
- Integrated AWS and GCP for scalable cloud solutions, resulting in 25% lower operational costs.

Apicom Automation Pvt.Ltd. | **Engineering Intern** **2020**

- Collaborated in a team environment to brainstorm and resolve website issues, enhancing user experience and reducing load times. Gained hands-on experience in using HTML, CSS, and JavaScript to improve website performance.

SKILLS

- **Programming Languages:** Python, SQL, Go, JavaScript, HTML, CSS
- **Big Data & Machine Learning:** Kafka, Spark, MongoDB, Clickhouse, Docker, AWS, GCP, MLflow, DVC, Airflow, GenAI, Dagshub, PyTorch, Python (e.g., scikit-learn, numpy, pandas, matplotlib, prophet, statsmodels, streamlit), HuggingFace
- **Data Science & Miscellaneous Technologies:** A/B Testing, ETL, Data Science Pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, Time Series Analysis, Experimental Design, Hypothesis Testing, OOP, OOD, APIs, Signal processing, PostgresDB, Grafana, Linux, Excel, Git, Github, Bitbucket, JIRA, Confluence
- **AI Tools:** ChatGPT, Claude, Zapier, Perplexity, n8n, Model Context Protocol, Google AI Studio, LangChain, langflow, datastax, Hugging Face, notebook lm, Gemma.app, Napkin.ai, Otter voice, agentic AI and many others.
- **Languages:** Proficient in English, Hindi, Kannada, Malayalam, Telugu, and Tamil, enabling effective communication across diverse teams and regions.

PROJECTS AND ACHIEVEMENTS

- **Big Data Pipeline** (<https://github.com/puneetgani/Bigdata-Pipeline>) : Built a data pipeline processing 100,000+ records daily, utilizing Kafka for real-time streaming and Clickhouse for optimized storage.
- **Gen AI Blog Generation using AWS** (<https://github.com/puneetgani/GenAIusingAWS>) : Developed a scalable system to generate AI-driven blogs using AWS Bedrock and Lambda, reducing content creation time by 80%.
- Earned **5 stars in Problem Solving** on HackerRank by solving 100+ algorithmic and data structure challenges (<https://www.hackerrank.com/profile/puneetgani01>), currently expanding skills and tackling challenges on LeetCode.