

DUGGEMPUDI AVINASH

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OBJECTIVE

Data Scientist with 2+ years of experience building ML models and AI-powered automation systems. Specialized in behavioral modeling, NLP-based personalization, and deploying GenAI solutions that drive business impact.

EDUCATION

Lovely Professional University	Punjab, India
Bachelor of Technology in Computer Science Engineering (Hons. in Data Science – AI/ML)	2020 – 2024

WORK EXPERIENCE

ClickZ Media · A Blenheim Chalcot Venture	Mumbai / London
Specialist Data Scientist	Jul 2025 – Present
Product Graduate	Nov 2023 – Jul 2025

- Developed a subscriber interest modeling system by engineering behavioral features from 2M+ email engagement events, applying NLP-based topic extraction on click URLs, and building user embedding vectors to predict content preferences across 200K+ B2B newsletter subscribers.
- Contributed to the architecture and build of Audience Align, a GenAI SaaS product for ICP-driven content creation.
- Defined and built agentic content workflows for 50+ publications, reducing costs by 80% and manual effort by 75% while maintaining quality.

Blenheim Chalcot India	Mumbai
Associate Data Scientist	Mar 2024 – Present
Data Science Intern	Jun 2023 - Mar 2024

- Contributed to BC-CodeInterpreter, enabling financial data analysis through natural language queries and improving efficiency and security.
- Designed and implemented an AI-powered Podcast Debater that converts weekly news into interactive speaker-host podcasts, reducing cost by 90% and time by 95%.
- Enhanced the L&D platform with multilingual text-to-speech (Azure Whisper), expanding accessibility and engagement.

ACHIEVEMENTS

- Star Performer (Oct 2024 – Mar 2025):** Recognized for innovation in Generative AI and automation, driving impact through clarity, momentum, and strategic execution.
- Best Employee (Oct – Dec 2023):** Honored for exceptional performance and contributions to key projects.

SKILLS

- Programming & ML:** Python, Scikit-learn, TensorFlow, PyTorch, REST APIs, GraphQL
- LLMs & Frameworks:** OpenAI, Anthropic Claude, Ollama, LangChain, LlamaIndex, Hugging Face
- Cloud & DevOps:** AWS, Azure, Vercel, Docker, CI/CD Pipelines
- Data & Databases:** MySQL, Faiss, ChromaDB, Pinecone
- Automation & Tools:** Microsoft Power Platform, Zapier, n8n, make.com, Git, Postman