Aryan Gurav

Date of birth: 12/10/2003 | Place of birth: MUMBAI, India | Gender: Male | Nationality: Indian | Phone: (+91) 8928200941 (Mobile) | Email address: aryanguravms07@gmail.com | Passport: X3430566 | Address: Aryan Gurav, A-204, Sai Shraddha, Off Veera Desai Road, Andheri (west), 400058, MUMBAI, India (Home)

Work experience

GENERATIVE AI RESEARCH INTERN | THADOMAL SHAHANI ENGINEERING COLLEGE | 01/06/2024 - 30/06/2024 | MUMBAI, India

1. Researched generative models for marketing applications, contributing to insights and ongoing Generative AI studies.
2. Published Research ”Generative AI in Marketing” at the 5th International Conference on Sustainability, Leadership, and Technology (July 2024, Welingkar Institute).

AI INTERN | TheAgentic.AI | 23/12/2024 - 23/02/2025 | MUMBAI, India

1. Developing The Agentic Browser, a cutting-edge project focused on fully automated web navigation and data scraping.
2. Utilizes a robust multi-agent framework built on PydanticAI to manage and coordinate multiple autonomous agents.
3. Demonstrates deep expertise in Agentic AI architectures, showcasing the ability to design, implement, and optimize complex AI systems.

Senior AI Engineer / Forward Deployed Engineer | TheAgentic.AI | 24/02/2025 - Current

1. Architected autonomous AI agents with context engineering, LLM orchestration, and DOM manipulation for TheAgentic Browser (open source multi agent web automation system).
2. Co-architected CortexON (open-source AI agent); highest code contributor and mentor to junior developers.
3. Sole architect of OrgMind — centralized agentic data layer using hierarchical knowledge graphs and Graph RAG for cross-system orchestration.
4. Contributed to Deepresearch V3 (internal component) , an agentic search engine with advanced retrieval and reasoning.
5. Led 4 client projects and project lead end-to-end (architecture, development, deployment, client coordination) across grants automation, automotive, marketing, and sports analytics; contributed to 3 more across pharma, crypto, and fundraising.
6. Tech stack: FastAPI, PostgreSQL, Neo4j, knowledge graphs, agent orchestration, LLM context engineering.

Education & Training

BACHELORS IN ARTIFICIAL INTELLIGENCE & DATA SCIENCE | Thadomal Shahani Engineering College | 20/12/2021 - 20/05/2026 | Mumbai, India

SECONDARY SCHOOL CERTIFICATE (SSC) | Bhavans A.H Wadia High School | 15/06/2009 - 01/03/2019 | Mumbai, India

HIGHER SECONDARY CERTIFICATE (HSC) | BHARATIYA VIDYA BHAVAN'S N. M. Institute Of Science (JUNIOR COLLEGE) | 01/07/2019 - 01/03/2021 | Mumbai, India

Language Skills

Mother tongue(s): **Marathi**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C1	C1	C1	C1	C1
Hindi	C1	C1	C1	C1	C1

Skills

C / C++ / C+ | Python | Java | React.js and Javascript | Git | Machine Learing | SQL | Data Science | Data Collection, Data Processing, Data Analysis, Data Visualisation | Pandas | Deep Learning | Data structures and Algorithms

Publications

Comparing the Effectiveness of GAN-Based Methods for Enhancing EuroSAT Satellite ImageryClassification

Aryan Sharad Gurav, Yathharth Munesh Karanjikar, Omkar Arun Bhikle, Himani Deshpande (2024). IEEE 2024 5th International Conference on Electronics and Sustainable Communication Systems (ICESC) Pages 1611–1616.

Investigated four GAN variants (InfoGAN, CGAN, CDCGAN, ACGAN) to augment the EuroSAT dataset by 50%, training CNNs for satellite image classification. CDCGAN achieved the highest classification accuracy while ACGAN excelled in precision and recall. Cited by 4.

DeepCAS: A Novel GAN Architecture for High-Fidelity Satellite Image Generation

Himani Deshpande, Aryan Gurav, Yathharth Karanjikar, Nabanita Mandal (2025). Springer Nature Singapore International Journal of Information Technology Pages 1–11.

Proposed DeepCAS (Deep Conditional Attentional Smoothing), a generative network using self-attention, conditional generation, and label smoothing for high-fidelity satellite image synthesis. Evaluated on EuroSAT dataset with improved performance over existing methods.

Generative AI in Marketing to Build Efficiencies through Content Creation and Beyond

Gaurang Vijay Patyane, Dipen Haresh Merchant, Aryan Sharad Gurav, Saaim Salman Ansari, Yathharth Munesh Karanjikar, Himani S. Deshpande, G.T. Thampi (2024). Welingkar Institute of Management Development and Research 5th International Conference on Sustainability, Leadership and Technology:Towards A Better Tomorrow Pages 175.

Explores how generative AI can build Global Capability Centres within enterprises, examining the impact of LLMs and Vision Language Models on marketing, brand building, and content creation workflows.
https://drive.google.com/file/d/1bupinLuG6Zu9coI8pnR3wWD1q2szLDLk/view