

AKSHAT SUNIL JAIN

PERSONAL DETAILS

Address:

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LINKEDIN



[Akshat Sunil Jain](#)

CAREER OBJECTIVE

“Emerging leader at the intersection of pharmaceutical research and technology, combining expertise in medicinal chemistry, data visualization, Generative AI etc. Committed to driving innovation in pharma R&D by harnessing AI, Generative technologies, Prompt Engineering and Clinical compliance tools to build efficient, ethical, and insight-driven healthcare solutions.”

ACADEMIC BACKGROUND

DEGREE	BOARD	INSTITUTE	PASSING YEAR	% / C.G.P.A.
M.S.(Pharm.) in Medicinal Chemistry	-	NIPER, S.A.S. NAGAR	2026	9.75
Bachelor of Pharmacy	Gujarat Technological University	Smt. B.N.B. Swaminaryan Pharmacy College, Salvav, Vapi.	2020 - 2024	9.24
H.S.C.	CBSE	Shri L.G. Haria Multipurpose School, Vapi	2020	94.8
S.S.C.	CBSE	Shri L.G. Haria Multipurpose School, Vapi	2018	87.4

KEY STRENGTHS

- Proactive
- Social engagement
- Multitasking
- Team Player
- Leadership
- Planning & Execution
- Flexibility and Adaptability
- Strong work ethics
- Risk Management

LANGUAGE PROFICIENCY

- English
- Hindi
- Gujarati

RESEARCH PROJECT

The objective of the project is “*Design, Synthesis and Biological Evaluation of Pyridopyrimidine based Novel Phospha-Flavone Analogs as Potential Antibacterial Agents*”.

(2025-2026)

SKILLS

- Clinical Knowledge:** ICH-GCP (Certified) & SOP Drafting.
- Data & BI Tools:** Python, SQL, R, Excel, Tableau, JMP, Power BI, DOE.
- AI & Programming:** Prompt Engineering(Advanced), ChatGPT and Gemini Powered Data Analysis, Fine-Tuning LLMs, SAS (Basic), Machine Learning, Neural Networks, EDA, RAG Modelling, Google Colab, AI Workflows and Automations, MCP Server, Chatbot Development.
- Medicinal Chemistry:** Synthesis method optimization, UV, IR, NMR & MS Data Interpretation, Molecular Docking, Molecular Dynamic Simulations, ChemDraw, Chem3D, Mestrenova, ADMET analysis.

AREAS OF INTEREST

- Drug Discovery
- Data Analytics
- Data Science
- Machine Learning
- Generative AI
- Market Research
- Competitive Intelligence
- Chemoinformatics
- Risk Assessment and Mitigation
- Quality Control and Quality Assurance

HOBBIES

- Teaching
- Public Speaking
- Networking
- Mindfulness Practice
- Volleyball
- Cooking

PROFESSIONAL AFFILIATIONS

- **PG Research Scholar**, NIPER S.A.S Nagar.
- **Placement Coordinator**, Department of Medicinal Chemistry (NIPER, S.A.S. Nagar)
- Reviewer, **BP International**
- & **JOCAMR** (Academic Publications)
- **Senior Faculty Member**, Pharmaminds.
- **Class Representative** in Bachelor's of Pharmacy
- **President** of Women Development Cell and Research wing in UG college

REFERENCES

Prof. Shankar K. Guchhait
Professor
Department of Medicinal Chemistry,
NIPER, S.A.S. Nagar.
Email Id: skguchhait@niper.ac.in

COURSES/ CERTIFICATIONS

- **ICH GCP** – Nida Training Center
- **Google Data Analytics (R, SQL, Excel, Tableau, Power BI)** – Coursera.
- **Power BI Bootcamp** – Jobaaj Learnings
- **Prompt Engineering & ChatGPT and Gemini ADA** – IBM, Vanderbilt University, MTF University.
- **SAS Programming (Beginner)** – Udemy.
- **JMP (DOE & Data Analysis)** – NIPER, S.A.S. NAGAR
- **SQL , Python and Excel Bootcamps** – Letsupgrade.
- **Generative AI Projects (RAG Models, Machine Learning and MCP servers)** – Letsupgrade and AcceleratorX.
- **Business Analytics and Advance Excel** – SkillUP and Udemy
- **Strategic Consulting, Digital Intelligence and Data Analytics Job Simulations**– Forage (offered by BCG, Pwc, Accenture etc.)

EXTRA-CURRICULAR ACTIVITIES

- Finalist in **KnockRY** and **Mindkraft** at **81MG**
- Semifinalist in **Analytica** and **Shark Tank Niper** at **81MG**
 - ✓ Conducted **Secondary Market Research**, streamlined **Data management**, and **Created Interactive Visualizations** to derive actionable insights at a glance.
- Hosted & Organized Republic Day Celebration, Spandan Cultural Fest at **NIPER, S.A.S. Nagar**.
- Hosted & Organized many events in UG college
- Team Lead - Organized a flea market stall with a 40% margin

WORK EXPERIENCE/ INTERSHIPS

- **Co-Founder & Educator**, VIBRAINNO – The Frequency of Knowledge (2021–2024)
 - ✓ Led 9-Member Team; Designed JEE and NEET course curriculum and mentored 200+ students
- **Senior Faculty (Organic Chemistry)**, Pharmaminds (2023–Present)
 - ✓ Delivered 20+ hrs coaching for GPAT/NIPER
- **Business Dev. Intern**, Internshala (2023)
 - ✓ Boosted campus engagement by 20%; Onboarded 70+ students; Awarded “Exceptional Performer”.
- **Industrial Intern**, Inject Care Parenterals, Vapi (Jul 2023)
 - ✓ Supported Sterile Manufacturing and cGMP Documentation.

KEY ACHIEVEMENTS

- **AIR 08** – NIPER JEE 2024 | **AIR 158** – GPAT 2024 | CUET PG 2024 (**AIR > 50**)
- Published **5+** research articles/book chapters
- Invited book chapter reviewer – **BP International**, **JOCAMR**
- Startup idea showcased at SRCC Startup Conclave 2023 (Invited with signed MoU with startup cell SRCC) and IIT Bombay Eureka Fest.
- Ranked in Top10 in University level exams throughout 8 semesters.
- Finalist in National level Model and Poster presentation competition at Physical Research Laboratory, Ahmedabad (ISRO Research Unit)