

SPARSH JINDAL

AI/ML Developer / Generative AI / LLM Enthusiast / Python Specialist

+ 91 - 9555163525

jindalsparsh77@gmail.com

LinkedIn Link

GitHub Link

Aspiring AI/ML Developer with solid academic and professional exposure in Generative AI (GenAI), OpenAI, Machine Learning, and Data Analytics, equipped with hands-on experience supporting Enterprise Clients at a tech giant in Canada.

Education

- 2023: Master of Management in Business Data Analytics from University of Windsor | Windsor, Ontario, Canada
- 2021: Bachelor of Technology in Information Technology from Guru Gobind Singh Indraprastha University, Delhi, India

Core Competencies

- Machine Learning Algorithms
- Generative AI (GenAI) and LLMs
- Python Programming and PyTorch
- Natural Language Processing (NLP)
- Data Analysis and Visualization
- Model Training and Fine-Tuning
- API Integration and Deployment
- Problem-Solving and Analytical Thinking
- Client Support and Technical Troubleshooting
- AI/ML Model Development & Optimization
- Research & Technical Publications

Technical Skills

- Programming Languages: Python, Java, C++, SQL, HTML, CSS, JavaScript
- AI & Machine Learning: Neural Networks, Deep Learning, NLP, Computer Vision, TensorFlow, SciKit-Learn, OpenCV
- SDLC: Agile, Scrum, Waterfall
- Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, TensorFlow, OpenCV
- Development & DevOps Tools: Jupyter Notebook, PyCharm, VS Code, GitHub, GitLab
- Data Analytics & BI Tools: Tableau, Power BI, Kibana
- Operating Systems: Linux (Debian, Ubuntu), Windows (7, 8, 10)
- E-Commerce & SaaS: WordPress, WooCommerce, Shopify, Stripe, Zendesk

Profile Summary

- Proficient in Python, PyTorch, NLP, and foundational ML models such as regression and neural networks with a growing command over LLMs and GenAI frameworks.
- Proven expertise through practical projects like **University Rank Prediction** and **Dynamic Smart Traffic Signaling System**—with research published in reputed journals and top 10 selection in **Bosch Hackathon at IIT Guwahati**.
- Completed **GenAI certification at Accenture** and **Python with Machine Learning certification** from iSkills, showcasing a continuous learning mindset aligned with the latest industry trends in AI/ML and Generative AI.
- Strong client-facing and technical troubleshooting capabilities gained while providing **L2 support for API integration, model fine-tuning, and large-scale deployment challenges** in GenAI, improving resolution times by 20%.
- Skilled in **data-driven decision-making** with skills in **SQL, data visualization (Tableau, PowerBI, Kibana)**, and leveraging analytical insights for optimizing product performance and user engagement.
- Passionate about solving real-world problems in AI/ML with a **growth mindset, adaptability, and research capabilities**, aiming to contribute to impactful projects while growing into a future **technical leader in AI/ML**.

Career Timeline

Apr'21 - Aug'22 Cuemath, Delhi, India Cuemath Teacher Partner	Feb'22 - Aug'22 Times Internet Limited, Noida, India Product Specialist	Since Sep'24 Swanrose AI Developer Manager
Sep'21 - Feb'22 DigitUp, Gurgaon, India Junior Software Developer	Jul'24 - Aug' 25 Accenture, St. Catharines, Canada Technical Support Specialist (Gen AI)	

Project Details

- Rank Prediction (Sep 2023 – Dec 2023) – University of Windsor, ON:** Developed a machine learning model using Python to predict university rankings based on a decade of historical data. Conducted in-depth data analysis to identify key ranking factors, providing strategic insights for academic institutions. ([Link](#))
- SMART Traffic Light (Jan 2021 – Apr 2021) – MAIT, Delhi, India:** Designed an AI-powered smart traffic light system using Python and OpenCV to prioritize emergency vehicles, enhancing traffic management. Contributed to public safety research by authoring a paper on system improvements. ([Link](#))

Work Experience

Since Sep' 25 | **Swanrose, - Just Human, Delhi** | AI Developer Manager

- Designed and implemented a data lake architecture using AWS and Microsoft Fabric, enhancing predictive and forecasting visibility across the supply chain.
- Automated HR workflows using LangChain-based AI agents, improving departmental efficiency by 30% through reduced manual interventions and faster process execution.

Jul'24 – Aug' 25 | **Accenture, St. Catharines, Canada** | Technical Support Specialist (Gen AI)

- Successfully resolved 50+ daily technical inquiries on API integrations, SSO connectivity & model fine-tuning for vision and text-to-speech applications, enhancing user experience.
- Partnered with development teams to identify and fix critical software bugs, ensuring seamless functionality through detailed pull requests and rapid deployment.
- Implemented advanced troubleshooting techniques, reducing issue resolution time by 20% and improving overall system performance.

Feb'22 – Aug'22 | **Times Internet Limited, Noida, India** | Product Specialist

- Identified and resolved critical bugs in Techgig and Techgig Pro,
- Customized platform features to seamlessly organize client-specific hackathons, meeting diverse enterprise requirements.

Utilized Python and Kibana for predictive data analysis, optimizing hackathon registrations

Certifications

GenAI Certification | Accenture

Python with Machine Learning | iSkills