AADITYA JINDAL

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Education

Arizona State University — **Aug. 2024 - Dec 2027**
Bachelor of Science, Computer Science — *GPA: 4.0*

Experience

Software Engineer Intern — **June 2025 – July 2025**
MakeMyTrip — *New Delhi, India*
- Built "RelevanceBeta," a unified LLM response relevance evaluator, reducing latency by ∼50% and token usage by 35%, which accelerated AI-driven feedback cycles for Personalization Team initiatives.
- Benchmarked 1700+ conversations across evaluators, identifying and mitigating performance bottlenecks, improving evaluator accuracy and speed significantly.
- Implemented real-time cost/latency tracking for LLM evaluators in Grafana, enabling better resource allocation and reducing anomaly detection time.
- Integrated Kafka-based metadata logging supporting SQL-based insights with AWS Athena/Redash, leading to faster and deeper dashboard analytics for model evaluation.
- Added role-based access control (RBAC) with Keycloak to secure endpoints, reducing unauthorized access incidents to protected LLM-endpoints and providing compliance tracking.

Director of Technology — **July 2025 – Present**
Devlabs @ ASU — *Tempe, AZ, USA*
- Organizing and supporting DevHacks (our flagship hackathon) and DevSpace (our flagship startup incubator), managing and supporting 350+ participants and 60+ founders.
- Deployed an admin RAG pipeline, enabling recruiters and officers to match candidates to job profiles with over 90% accuracy, accelerating hiring and promoting Devlabs' status as Arizona's top talent hub.
- Managing the Vercel-based serverless infrastructure of customer-facing and internal tools, ensuring reliability and high availability.

Internal Tooling and Technology Officer — **August 2025 – Present**
The AI Society @ Arizona State University — *Tempe, AZ, USA*
- Delivering interactive and engaging workshops on foundational AI algorithms and mathematics behind AI.
- Developing an interactive FastAPI-based web tool in a team of 4 engineers for students and professors to interactively learn foundational AI algorithms like Linear Regression, KNN, and more with dynamic

Projects

ModelForge: No-Code LLM Finetuner | *FastAPI, React, Transformers, PEFT, TRL, BitsandBytes, SQLite*   [Link]
- Engineered an open-source, intuitive no-code platform enabling users to fine-tune open-source LLMs locally, leading to a reduction in onboarding-to-finetune time for non-technical users, accelerating research and deployment.
- Leveraged Hugging Face's Transformers, TRL, peft, and bitsandbytes libraries to develop a modular, efficient finetuner.
- Launched seamless workflow (task selection, upload, train, test) with React frontend, boosting usability.
- Integrated 4/8-bit quantization and hardware auto-detection, for efficient memory usage.

DauntVR - Virtual Reality Exposure Therapy | *AWS, Django, SQLite3, REST API, C#, Unity, WebGL*   [Link]
- Prototyped a VR exposure therapy app for phobias/PTSD, enabling individuals to progress through controlled, immersive scenarios and improving self-reported symptom reduction.
- Architected and deployed a scalable Django REST service on AWS EC2, integrating with AWS Bedrock for real-time analysis of user performance data and dynamic generation of tailored progress reports.
- Connected a Unity-based frontend to backend infrastructure for performance visualization, personalized feedback delivery, and longitudinal progress tracking across sessions.

DataCanvas - Visual Dataset Builder | *Spring Boot, MySQL, JS, HTML5, CSS*   [Link]
- Created a full-stack app for visual, 5D dataset building with MS Paint-style interface, reducing synthetic dataset generation effort for students and researchers.
- Implemented robust MySQL backend and CSV export functionality, improving data portability and usability.
- Applied real-world backend design principles, enhancing maintainability for open-source contributions.

Technical Skills

Languages: Python, MySQL, Java, C, Unity-Based C#, HTML/CSS
Frameworks & Libraries: Langflow, REST API, Django, Flask, Ollama, OpenAI API, Groq API, LlamaFile, Pandas, NumPy, Sci-kit Learn, SpaCy, NLTK
Developer Tools: AWS: (EC2, Bedrock, Lambda), Langflow, Tavily, ChromaDB, Git, Ollama, Postman, Jira, Unity