

# Yasmeen Javadi

862-235-6874 | [javadiyasmeen@gmail.com](mailto:javadiyasmeen@gmail.com) | [linkedin.com/in/yasmeen-javadi](https://www.linkedin.com/in/yasmeen-javadi) | <https://yasmeen-javadi.vercel.app> | <https://github.com/yasminjd>

## PROFESSIONAL SUMMARY

Client-facing professional with experience managing cross-functional projects, translating complex business requirements into actionable solutions, and delivering stakeholder demos to technical and non-technical audiences. Proven ability to own end-to-end project execution under tight deadlines while coordinating across multiple workstreams. Strong communicator who thrives in fast-paced, high-accountability environments.

## EDUCATION & CERTIFICATIONS

**New Jersey Institute of Technology**, Bachelor of Science in Computer Science  
AWS Certified Solutions Architect – Associate, AWS Certified AI Practitioner

Grad. December 2025  
August 2025

## PROFESSIONAL EXPERIENCE

### Stya | Interim Product Manager

Newark, NJ | July 2025 – Dec 2025

- Led end-to-end development and launch of an AI-powered iOS app, managing all aspects from product vision through delivery; achieved 95% satisfaction across 500+ beta users through continuous feedback integration and rapid iteration.
- Optimized model pipeline performance, improving style-matching accuracy by 40% and reducing average session latency by 1.8× through model tuning and efficient API design.
- Owned end-to-end product development across a 4-person cross-functional team, managing backlog and sprint planning in JIRA, driving technical specs and feature rollouts from prototype to production.
- Translated complex AI capabilities into user-facing features, collaborating with engineering and design to increase engagement by 50%; delivered stakeholder demos communicating technical value to non-technical audiences.
- Conducted user acceptance testing with 500+ beta users to validate features and ensure product functionality before release.

### Next Gen AI Consulting | Artificial Intelligence & Data Engineering Analyst

Manhattan, NY | December 2024 – July 2025

- Designed and optimized enterprise conversation flows in Amelia, leveraging NLU and Answers modules with AWS Step Functions, Lambda, and APIs to enhance automated client interactions and reduce manual resolution time by 30%.
- Ingested chat logs through Amelia's Data Export API into Amazon S3, built ETL pipelines and QuickSight dashboards to visualize key KPIs (volume, accuracy, fallback rates), and tracked client issues and escalations to drive data-backed performance improvements.
- Partnered directly with client engineering teams and CTOs to translate ambiguous business requirements into scalable AI automation solutions, owning projects from scoping through production deployment.
- Presented results and proof-of-concept demos to technical and non-technical stakeholders, clearly communicating value, performance metrics, and potential ROI.

### New Jersey Institute of Technology | Machine Learning Research Internship

Newark, NJ | June 2024 – August 2024

- Researched Time-LLM, a transformer-based forecasting model, tuning hyperparameters on weather and stock datasets to improve predictive accuracy by 18%.
- Implemented and benchmarked models using Python, PyTorch, TensorFlow, and Pandas in HPC environments, reducing training time
- Presented findings to faculty researchers, translating technical insights into actionable takeaways for real-world forecasting applications.

### Milad Mirg LLC | Freelance Machine Learning Engineer

Montclair, NJ | November 2023 – May 2024

- Built an ML-powered analytics tool using Pandas, scikit-learn, and YouTube/TikTok APIs to process and analyze millions of engagement records across videos.
- Applied NLP techniques to audience comments and metadata, identifying trends that improved short-form content performance by 22%.
- Collaborated directly with a YouTuber with 6M+ subscribers, presenting insights that optimized posting strategy and boosted audience retention.

## ACCOMPLISHMENTS & LEADERSHIP

### Team Lead – AI Agent & Infra Hackathon

August 2025

- Led creation of *Smart Cycle Calendar*, an agentic AI assistant for women that uses AWS Bedrock Agents, Lambda, and Next.js to dynamically plan and reschedule tasks via real-time Google Calendar and Teams integration, improving productivity by over 60% based on menstrual cycle research.

### Project Manager – Rocket

April 2025

- Led a 5-member Scrum team to build a full-stack resume-builder web app using React, Express.js, and Firebase; improved load times by 40%, reduced database latency by 25%, and delivered the top-ranked project (1st of 12 teams) for functionality, design, and team coordination.

### Team Lead – HackNJIT 2024

December 2024

- Directed the creation of an ML-driven financial analytics platform using Random Forest, XGBoost, and LSTM; achieved 22% higher forecast accuracy and pitched the solution to industry judges as a tool for smarter trading decisions.

## TECHNICAL SKILLS

- Languages:** C/C++, Python, SQL, Typescript, JavaScript, Java, Next.js, Bash, Swift
- Frameworks:** PyTorch, TensorFlow, Keras, scikit-learn, Hugging Face, Next.js, React, Django, AWS, Azure, CUDA
- Libraries:** NumPy, Pandas, Jupyter Notebook, Matplotlib, Seaborn
- AI and ML:** NLP, prompt engineering, NLU modeling, multi-agent orchestration, neural networks (DNN, CNN, RNN), transformers, deep learning on GPUs, reinforcement learning, computer vision, Linear Regression, Logistic Regression, K- Means Clustering, K-Nearest Neighbors (KNN)
- Project Management:** Agile, Scrum, Kanban, Jira, Trello, Git/GitHub, Version Control, Task Prioritization, Cross-Functional Collaboration, Microsoft Office Tools, Slack, & more