

ANIKA VERMA

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EDUCATION

University of Southern California, Los Angeles, USA

Aug 2024 – May 2026

Master of Science in Computer Science, Courses: Data Structures, LLMs(RAG), NLP, Machine Learning

SRM Institute of Science & Technology, Chennai, India

Jun 2018 – May 2022

Bachelor of Technology in Computer Science & Engineering, Courses: AI, Statistics, Information Retrieval

WORK EXPERIENCE

HighRadius Technology

Jun 2022 – Jun 2024

Associate Consultant 2

Hyderabad, India

- Led **product management** efforts, managed a team of **50+ clients** across EMEA, APAC, NA, and LATAM regions, driving ERP integration and successfully delivered 7+ end-to-end projects.
- Experienced in abstract thinking to **design solutions**, problem solving and **cross functional collaboration**.
- Implemented & debugged AI agents clustering by analyzing **JAVA based agent logs**, & Selenium web agents using Jenkins.
- Developed **SQL, Python scripts** to capture the EDI remittance information from client's web application.
- Integrated **Bank APIs** to fetch client's real-time data (XML, MT940, BAI2) aligning it with business objectives and databases to verify invoices & evaluate customer creditworthiness.
- Designed Regex & custom algorithms for customer specific business requirements such as discounts, rebates, **OCR capture**, missing/late remittances, & Remote deposit Capture (RDC) which helped clients to increase their **capture rate upto 97%**.
- Utilized **File transferring protocol(FTP)** for sending/receiving bank files & augmented workflows & dashboards using Python & data validation techniques to ensure scalability & accuracy.
- Analyzed complex datasets, enhanced **SDLC & OTC workflows** with **Agile methodologies** & Jira to optimize project timeline.
- **Led & trained team of 7 interns** by providing hands on mentorship & guidance to develop their technical skills for quick onboarding.
- Awarded "Spot Award" & ESOP (Employee Stock Ownership Plan) for excellent performance & positive feedback from clients & colleagues.

Bharat Electronics Limited

Aug 2021 – Dec 2021

Python Developer

Pune, India

- Extracted data using **Python libraries** such as NumPy, Pandas, sqlite3, Seaborn, Stats for streamline data processing.
- Presented & optimized **15+ data-driven dashboards** & automation solutions reducing manual intervention by **95%**.
- Ensured scalability & modularity by adopting object-oriented programming principles & reduced team's manual effort by **85%**.

National Institution for Transforming India (NITI) Ayog

Jul 2021 – Aug 2021

Data Management and Analyst

Delhi, India

- Utilized Excel to analyze population based datasets, applying **data modeling** and **statistical techniques** to generate actionable insights for policymaking and strategic development.
- Translating complex datasets into actionable insights for **non-technical stakeholders**.
- Building and optimizing pipelines for **data analysis, reporting, and key performance indicator (KPI)** tracking to drive data-driven decision-making.

PROJECTS

Moodify Market | Skills: Blockchain, NextJS, NodeJS, MongoDB, Solana, SpotifyAPI, DAIN, Metaplex

- Built a music streaming web app integrating **Solana crypto**, enabling users to sell their music as **NFTs**.
- Developed a scalable platform with four backend services focusing on music therapy, including mood-based song recommendations, **Spotify API integration**, music genre-based profile matching, and Solana NFT transactions successfully tested by **60+ users**.

SeeBeyond | Skills: PyTorch, LLM, BLIP2, LLaVA, NLP, Python

- A Multimodal Assistive Tool for the **Visually Impaired**. Assist them by generating real-time image captions using OCR for text extraction and semantic analysis for spatial understanding.

Enhanced AIOS(Anti-infiltration obstacle system) | Skills: TensorFlow, Labellmg, OpenCV, YOLO, Darknet

- Initiated project focusing on improving **computer vision** algorithms by implementing optimized **YOLO** architecture via **OpenCV**, streamlined processing time by reducing latency from 2 seconds to under half a second per frame during testing.
- Managed a team of 5 members & successfully promoted to the 2nd round of the Hackathon.

SKILLS

- **Data Visualization:** Matplotlib, Seaborn. **AI/ML Tools & Technical skills:** Power BI, Pytorch, HuggingFace, LLMs RAG, SLMs, Salesforce cloud, Natural Language Processing, ML/AI, Data Analysis, Big Data, Data Science, Data Pre-processing.
- **Programming Languages:** Python, C, C++, HTML, CSS, SQL. **Tools:** SharePoint, Notion, VS Code, Excel.
- **FinTech Skills:** SAP, CRM, Customer Engagement, Account Receivables (AR), Stakeholder management, Cash Application (CAA), Remote Deposit Capture (RDC), Bill of Lading (BOL), Business-to-Business (B2B), SaaS products, Order to cash cycle.