

# Sakshi Verma

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## SKILLS

**Languages:** Python, Java  
**Frontend:** HTML, CSS, JavaScript, TypeScript, React, Vite, Tailwind CSS  
**Tools/Platforms:** MySQL, Schema design, PostgreSQL, Power BI, Google Colab, Linux, Docker, Hugging Face  
**Backend & APIs:** Node.js, FastAPI, RESTful Architecture  
**Libraires:** NumPy, Pandas, Matplotlib, Seaborn, Plotly, Scikit-Learn, TensorFlow, BeautifulSoup  
**Soft Skills:** Communication, Presentation, Team Player, Leadership, Adaptability

## INTERNSHIP

### Futurese Technologies | [certificate](#)

Jun' 25 - Aug' 25

#### Data Analytics & Engineering Intern

- Processed 5+ marketing datasets using Python (Pandas, NumPy) for funnel analysis and visualization.
- Built a Power BI dashboard revealing a 99% lead drop-off, driving a shift from CPL to CPE strategy.
- Boosted ROI forecasting by 18% through data-driven budget reallocation.

## PROJECTS

### PostgreSQL HRMS Platform | [GitHub](#)

Feb'25

- Architected a normalized relational database with comprehensive schema enforcing transactional integrity and efficient data relationships.
- Engineered backend workflows to reliably handle employee lifecycle, attendance, payroll, and role hierarchies.
- Integrated RESTful endpoints and automated persistence layers to support scalable enterprise operations
- Tech Stack: PostgreSQL, SQL, DBML, ER Modeling

### API Reliability Monitor | [GitHub](#)

Feb'25

- Engineered a full-stack reliability analytics platform capturing service availability, response latency, and operational health metrics
- Implemented secure multi-tenant data isolation using Row Level Security with Supabase-backed PostgreSQL persistence
- Designed modular frontend architecture with dynamic routing and real-time API integration to deliver actionable observability insights
- Tech Stack: React 19, Vite, Node.js, Supabase, PostgreSQL, Tailwind CSS 4, React Router 7, Lucide React, RESTful APIs, Row Level Security (RLS)

### Enterprise Knowledge Intelligence System | [GitHub](#)

Feb'25

- Constructed a metadata indexing platform enabling rapid retrieval of structured and semi-structured enterprise data
- Applied scalable search integration and semantic tagging to optimize query relevance and contextual discovery
- Built asynchronous ingestion pipelines and query handlers to ensure responsiveness under load
- Tech Stack: Python, FastAPI, PostgreSQL, Elasticsearch, Celery, Redis

## CERTIFICATES

Oracle OCI Certified Generative AI Professional (1Z0-1127-25) | [Oracle](#) Oct '25  
Udemy- Master Generative AI & Generative AI Tools (ChatGPT & more) | [Udemy](#) Aug '25  
DeepLearning.AI- ChatGPT Prompt Engineering for Developers | [Deeplearning.AI](#) Aug '25  
Tata, Forage – GenAI Powered Data Analytics Job | [TATA](#) Jun '25

## ACHIEVEMENTS

Solved 300+ questions on coding platforms, focusing on Data structures and Algorithms & DBMS

## EDUCATION

### Lovely Professional University

Phagwara, Punjab

Bachelor of Technology (B.Tech) in Computer Science and Engineering (CSE)

Since Aug'23

Specialization in Artificial Intelligence and Data Engineering; CGPA: 7.2

### Kendriya Vidyalaya Bhandup

Mumbai, Maharashtra

Intermediate; CGPA: 6.25

Apr '22 – Mar '23

### Kendriya Vidyalaya Bhandup

Mumbai, Maharashtra

Matriculation; CGPA: 9.3

Apr '20 – Mar '21