

# LAMIN JANKA

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## SUMMARY

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Building AI-driven frontend and backend solutions with TensorFlow and Python, crafting intuitive user interfaces and scalable architectures backed by robust SQL databases. I integrate security throughout the SDLC, employing threat modeling, secure coding, and rigorous testing to deliver reliable, high-performance applications. Certified in relational database design and Python data structures, I thrive on turning complex data into actionable insights and deploying models that power real-world impact.

## EDUCATION

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### Gujarat University, Ahmedabad, India

Bachelor of Computer Science

August 2025

**Awards and Scholarships:** ICCR Scholarship

August 2022

### Relevant Courses and Certifications:

- Complete Modern PHP Developer Course (Udemy)
- Relational Database Design (Coursera)
- The Structured Query Language (Coursera)
- Python Data Structures (Coursera)
- Introduction to Java (Coursera)
- Programming for Everybody-Python (Coursera)
- HTML, CSS, and JavaScript for Web Developers (Coursera)
- TensorFlow for Deep Learning Bootcamp-Pursuing (Udemy)

## SKILLS

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**Programming Languages:** Python, C, C++, Java, PHP, JavaScript, Prolog, Kotlin

**Frameworks & Libraries:** TensorFlow, Scikit-Learn, NumPy, Pandas, Matplotlib, Keras, Plotly, jQuery, Swing

**Frontend:** HTML5, CSS3, Bootstrap, UI/UX Design Principles, Responsive Design

**Databases & Storage:** MySQL, PostgreSQL

**DevOps & Cloud:** Git, CI/CD (GitHub Actions)

**Security & SDLC:** Threat Modeling, Secure Coding Standards, Validation, Deployment, Testing

**Tools & IDEs:** VS Code, XAMPP, Wireshark, Android Studio

**Networking:** Socket Programming (TCP/UDP), HTTP, REST APIs

**Other:** Agile, Streamlit, Google Colab

## WORK EXPERIENCE

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**Web Developer Intern** | ShadowFox | Remote (Chennai)

March 2024 – April 2024

- Developed a portfolio website to highlight creative work and achievements.
- Designed and implemented an e-commerce website with user-friendly features.

## PROJECTS

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**Typing Game & Quiz Game** | JavaScript, HTML, CSS

**Description:** Developed a typing speed improvement game and a quiz game platform to assess knowledge interactively.

- Enhanced user engagement through interactive gameplay.
- Improved performance with optimized code and UI.

**Online Examination System** | PHP, MySQL, HTML, CSS

**Description:** Created an online platform for conducting exams securely and efficiently.

- Automated exam processes and improved accessibility.
- Designed secure login and exam monitoring features.

### **ATM & Banking System** | Java (Swing), MySQL

**Description:** Designed a simulation for ATM and banking operations to provide practical insights into banking workflows.

- Implemented core banking operations like deposit, withdrawal, balance inquiry, registration and statement generation.
- Provided a user-friendly interface and real-time transaction handling.

### **Time Series Analyzer** | Python (TensorFlow pandas, matplotlib, scikit-learn, Plotly ), [Streamlit](#)

**Description:** Developed a tool to analyze and forecast time series data for trends, seasonality, and future predictions.

- Implemented preprocessing techniques like resampling, smoothing, and decomposition for better insights.
- Applied forecasting models such as ARIMA and evaluated performance using MSE and visualization tools. Enabled data-driven decision-making through clean visual summaries and predictive outputs.

### **Food Vision** | Python (TensorFlow pandas, matplotlib, scikit-learn ), [Streamlit](#)

**Description:** Built a deep learning-based image classification model to identify food items from images.

- Trained convolutional neural networks using TensorFlow and Keras on a labeled food dataset..
- Achieved high accuracy through data augmentation, model tuning, and transfer learning techniques.
- Deployed the model for real-time predictions to demonstrate practical computer vision use cases.

## **LEADERSHIP AND PROFESSIONAL DEVELOPMENT**

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**Conferences/Workshops Attended:** Women Development Cell (WDC) & Internal Complaint Committee (ICC)  
Gujarat University, Ahmedabad

**Financial Literacy and Smart Money habits for building Wealth**

**Volunteer Experience:** School of international Studies and Diaspora  
Gujarat University, Ahmedabad

**Tree Plantation Initiative**