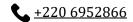
LAMIN JANKA







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Portfolio | lanzinijunior9@gmail.com | LinkedIn

SUMMARY

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

Guiarat 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

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

Frameworks & Libraries: TensorFlow, Scikit-Learn, NumPy, Pandas, Matplotlib, Keras, Plotly, ¡Query, 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

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

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), <u>Streamlit</u> **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

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**