Laxman Bankupalle

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Experience

SRM University, AP   **October 2023 – Current**
Data Management Intern   *Amaravathi, Andhra Pradesh*
- Spearheaded the organization and management of critical data for the Department of Student Affairs, ensuring accuracy, accessibility, and security.
- Applied advanced Python scripting skills to automate key processes, resulting in significant time savings and minimizing manual errors in data handling.

Snap Smart, Inc   **April 2023 – November 2023**
Fullstack Developer Intern   *Mumbai, Maharashtra*
- Advanced full-stack developer specializing in responsive design, proficient in React for front-end, Node.js for server-side scripting, and MongoDB for databases.
- Innovatively employed HTML, JavaScript, CSS, and Python to create and distribute daily test result reports to team members.

Freelance   **March 2023 – April 2023**
Full Stack Development   *Self Employed*
- Created a dynamic, user-friendly UDGAM website with modern technologies and responsive design, ensuring optimal accessibility across devices.
- Engineered robust back-end features, streamlining registration for 1000+ participants, and integrated a secure payment gateway for seamless transactions.

Projects

Opuluxe jewelry | *MERN Stack, React Native, Firebase*
- Integrated Firebase authentication with OTP verification, ensuring a secure and user-friendly login process for Opuluxe users.
- Implemented Firebase Realtime Database for Opuluxe, enabling dynamic and responsive storage of user data, contributing to an up-to-date app experience.
- Crafted an aesthetically pleasing and intuitive user interface for Opuluxe, prioritizing ease of navigation and an engaging customer experience.

FAARAS | *MERN Stack, Tensorflow JS, Google Teachable Machine*
- Created FAARAS (Facial Recognition Attendance System), revolutionizing hostel attendance management through webcam-based facial recognition technology.
- Implemented real-time identification and automated email notifications for late arrivals, ensuring hostel security and optimizing attendance tracking.
- Led a team in the development of FAARAS, gaining expertise in facial recognition technology and successfully delivering a streamlined attendance solution.

Similarity Search | *JavaScript, Express, Pinecone, OpenAI*
- Developed a robust system capable of generating accurate transcripts for YouTube videos, employing cutting-edge speech-to-text technology.
- Utilized advanced techniques in natural language processing and deep learning to create embeddings in 1536 dimensions, capturing nuanced semantic information
- Implemented a seamless integration with Pinecone's vector database to store and retrieve the embeddings efficiently and securely.

Education

SRM AP University   **Sep. 2021 – Sep. 2025**
Bachelor of Technology in Computer Science   *Amaravathi, Andhra Pradesh*

Technical Skills

Languages: Python, Java, C/C++, HTML/CSS, JavaScript, SQL,MongoDB, React, Node.Js, Solidity
Developer Tools: VS Code, Atom, IntelliJ Idea, Android Studio
Technologies/Frameworks: Linux,GitHub, Firebase, Tailwind CSS

Relevant Coursework

- Data Structures
- Web Development
- Android Application
- Database Management
- Network Security
- Algorithms

Leadership / Extracurricular

Student Council **Spring 2022 – Present**

Treasurer *SRM AP University*

- Elected to represent 8000+ students of SRM AP.
- Demonstrated excellent interpersonal, presentation and communication skills and successfully managed cultural and technical events.
- Led chapter of 80+ members to work towards goals that improve and promote community service, academics, and unity.

University Chess Team **Spring 2021 – Present**

Captain *SRM AP University*

- Held the prestigious position of Captain for the university chess team, demonstrating strong leadership skills and a commitment to the team's success.
- Formulated strategic plans for team competitions, including game strategies, lineup selections, and overall team tactics.
- Orchestrated effective communication within the team, ensuring that all members were well-informed about match schedules, strategies, and any other relevant information.
- Served as the founding member of the universities chess club and fostered growth of the sport in the university