AMEER AKBAR R

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OBJECTIVE

Enthusiastic and motivated fresher seeking an opportunity in the IT industry to gain hands-on experience, enhance technical skills, and contribute to innovative projects. Passionate about learning new technologies and solving real-world challenges through creative solutions and collaborative teamwork.

TECHNICAL SKILLS

- **Programming:** C/C++, Python, Java, JavaScript
- **Frontend:** HTML, CSS, React, Bootstrap
- **Backend:** NodeJS, ExpressJS
- **Database:** MongoDB, MySQL, SQLite
- **AI Development:** Pandas, NumPY, SciKit Learn, Keras, TensorFlow, CV2, PyTorch
- **AR/VR:** Unity, Vuforia, Unreal Engine, Blender
- **NLP:** NLTK, Transformers,
- **Cloud:** Google Cloud Platform
- **Data Visualization:** Power BI, Matplotlib
- **Version Control:** Git, GitHub

EDUCATION

- **P.S.R Engineering College**
  B.Tech in Artificial intelligence & Data Science — *Nov 2022 - Present*
  Relevant coursework: Machine Learning, Deep Learning, Data Structures, Database Management Systems, Web Development
- **St.Xaviers Hr. Sec School**
  HSC — *2020-2022*
- **Socratees Matriculation School**
  SSLC — *2019-2020*

ADDITIONAL SKILLS

- **Soft Skills:** Leadership, Public Speaking, Communication, Decision Making, Critical Thinking, Problem Solving, Time Management, Teamwork, Adaptability

COMMUNICATION

- **Languages:** Tamil (Read, Write, Speak), English (Read, Write, Speak), Urdu (Speak), Hindi (Speak)

ACHIEVEMENTS

- Operating a startup since 2023, training 30+ students in AI model building and implementation
- Won multiple awards in technical symposiums and conferences for innovative projects
- Represented college basketball team in zonal meets and secured runner-up position
- Successfully organized departmental events with seamless coordination and excellent feedback
- Participated in multiple hackathons and secured top positions for innovative solutions

INTERNSHIPS

AR & VR Development Intern — *NITTTR — 15 Days*

- Designed AR & VR applications using Unity and Vuforia for educational purposes
- Created interactive 3D models and animations for real-world applications
- Collaborated with a team of 3 to develop immersive learning experiences
- Gained practical experience in AR marker tracking and gesture recognition

Project Intern — *NIPPO — 15 Days*

- Submitted a paper on biorhythmic ceiling system with AI for adaptive lighting
- Applied ML techniques to optimize user comfort and energy efficiency

Public Speaker — *TECHNOVATION — 2 Months*

- Trained students in robotics and drone handling techniques
- Provided mentorship for future technology careers and skill development
- Conducted workshops reaching over 100 students across multiple institutions

KEY PROJECTS

- **Industrial Website** *(HTML,CSS,Javascript,MongoDB,React, Express,NodeJS)* - Full-stack web application for business operations with seamless data management, customer relationship management.
- **Symposium Website with Payment Gateway** *(HTML, CSS, JS, Node.js, Razorpay API)* - Event registration platform with secure payment processing, email notifications, and admin dashboard.
- **Blackgram Plant Disease Identification** *(Python, TensorFlow, OpenCV)* - Deep learning model to detect plant diseases for early diagnosis with 92% accuracy on test datasets.
- **Face Recognition using CV2** *(OpenCV, Python)* - Real-time face recognition system for secure authentication with multi-face detection capabilities.
- **Face Detection using MediaPipe** *(MediaPipe, Python)* - Lightweight face detection system for mobile applications with landmark detection and emotion recognition.
- **Hand Gesture Estimation** *(OpenCV, MediaPipe, Python)* - Computer vision system for touchless control in applications with 21-point hand landmark detection.
- **Spam Detection using Random Forest** *(Python, Scikit-learn)* - ML model to filter spam messages and improve email security with 95% precision.
- **AR Wedding Invitation** *(Vuforia, Unity, Blender)* - Interactive AR invitation with 3D animations and elements for unique user experience.