

Tayyaba Jainulla Ankalgi

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CAREER OBJECTIVE

Versatile Electronics and Communication Engineering student with hands-on experience in web development and real-time machine learning projects. Skilled at creating user-focused web applications, ML-driven projects that solve real-world challenges, and driven by a genuine curiosity that fuels continuous learning and innovation. Adaptable, collaborative, and eager to join an innovative team where I can apply my skills, learn from experienced professionals, and grow with evolving technologies.

EDUCATION

- **PES College of Engineering, Mandya** Dec 2022 – 2026
 - *B.E. in Electronics and Communication — CGPA: 8.7*
- **KLE'SCS Sangadi P U College, Gokak** July 2021
 - *Science PCMB – 85%*
- **The Volkart Academy, Gokak Falls** Apr 2019
 - *State Board – 86%*

TECHNICAL SKILLS

- Programming Languages: C++, Python
- Web Development: HTML5, CSS3, JavaScript (ES6+), React.js, Node.js, Express.js, Bootstrap, Git, GitHub, REST APIs
- Machine Learning / Deep Learning: ML, DL, NLP
- Soft Skills: Communication, Teamwork, Analytical Problem-Solving, Time Management, Adaptability, Creativity, Leadership Potential
- Languages: Hindi, English, Kannada (Fluent – Read, Write, Speak)

PROJECTS

- **LSTM-Based Movie Recommendation System**
 - Built a personalized movie recommender using LSTM neural networks.
 - Processed and trained on user-movie interaction data using TensorFlow, Keras, Pandas, and NumPy.
 - Predicted user preferences and generated real-time movie recommendations.
- **SafeSign – Signature Verification System**
 - Developed a real-time signature verification system using Siamese Neural Networks and OpenCV.
 - Trained model to distinguish between genuine and forged signatures using pairwise image comparison.
 - Deployed model using Flask for an interactive browser-based validation tool.
- **Shopease – E-commerce Website**
 - Developed a responsive multi-page e-commerce platform using HTML, CSS, Bootstrap, and JavaScript.
 - Implemented product listings, shopping cart logic, and smooth navigation.
 - Showcased front-end development skills and UI/UX design principles.

EXTRACURRICULAR

- Hackathon – Innovate-A-Thon: Participated at PESCE, collaborating with a team to design, implement, and present a machine learning project solving a real-world problem.
- WebScout – Web Development Event by ISTE: Selected among the **Top 10 performers** from 100+ participants in a web development competition on April 16, 2025. Awarded a certificate of participation.