Anurag Bheemani

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EXPERIENCE

GLOOMDEV — Full Stack Web Developer | *Intern* — July. 2024 – Dec 2024
- Developed the gloom-dev.com site within the first month of the internship.
- Built a React-based chatbot using Streamlit and LangChain for interactive PDF assistance, handling 50+ PDF queries weekly with 90%+ response accuracy using Google Generative AI.
- Created three additional frontend projects using React.
- Engineered and deployed 2 full-stack e-commerce websites using the MERN stack, optimized for performance and scalability.
- Integrated Razorpay payment gateway, enabling secure payment processing and successfully completing 50+ test transactions during staging.

EDUCATION

Jawaharlal Nehru Technological University Hyderabad — Dec 2021 - June 2025
B.Tech. Computer Science Engineering (Artificial Intelligence and Machine Learning) — *Current GPA: 6.87/10.00*

SKILLS

Tech Skills:

Languages: Python, Java, JavaScript, Node.js
Libraries/Frameworks: Tailwind CSS, Bootstrap, React.js, Streamlit, HTML, CSS, FastAPI
Machine Learning & Deep Learning: OpenCV, CNN, RNN, Scikit-learn, Pandas, Numpy, Seaborn, Matplotlib, Random Forest, NLTK
Tools: Git, VS Code, Docker, GitHub, Google Cloud, AWS EC2
Databases: MySQL, MongoDB
Core CS: Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP)

PROJECTS

AI, ML and Deep Learning:

ZestSync - AI Subtitle Generator | Link — *Python, OpenAI Whisper, STT, Audio Processing, Lua Script*
- Developed a subtitle generator using OpenAI's Whisper with 95%+ accuracy, supporting 90+ languages. Reduced package size from 320MB to 27MB and improved loading time by 50%. Enabled seamless subtitle export for video editors and accessibility content.

Face Sorter App - Photo Organizer | Link — *React Native (Expo), FastAPI, MongoDB, Google Cloud, Face Recognition*
- Developed a mobile app to auto-organize 100+ photos by face at a time, using React Native and FastAPI on Google Cloud. Integrated face-recognition achieving 80%+ accuracy in sorting, with encrypted embeddings stored in MongoDB. Reduced manual effort for users by over 90%.

Machine Learning Based Hand Sign Recognition | Link — *Random Forest, Numpy, MediaPipe, OpenCV*
- Built a real-time hand sign recognition system using MediaPipe for hand tracking and Random Forest for classification, achieving 95% accuracy in good lighting.
- Extracted hand landmarks as features, enabling gesture recognition with minimal latency for interactive control in real-time applications using OpenCV.

Music Recommendation System | Link — *Python, Scikit-learn, Numpy, Pandas*
- Developed an interactive music recommendation system using Python, Streamlit, and Spotify API. The app recommends songs based on similarity scores and dynamically fetches album posters using the Spotify API. It integrates efficient data handling and secure secrets management for API credentials.

Telecom Churn Prediction | Link   *Python, Scikit-learn, Numpy, Pandas, Seaborn*
- Built machine learning model to predict customer churn, utilizing logistic regression, decision trees, and KNN. Achieved 89% accuracy by preparing data, applying hyperparameter tuning, and assessing performance with a confusion matrix and classification report. Generated actionable insights for reducing churn.

Web Development:

GLOOMDEV-Official Site | Link   *React.js, Partilce.js AOS Library, TailwindCss*
- Collaborated on the development of GloomDev's official website using React.js, Particle.js, AOS Library, and Tailwind CSS, improving user engagement and optimizing performance. Achieved a 35% reduction in website loading time.

AAKRITI-College Festival Site | Link   *React.js, Javascript, Three.js, TailwindCss , HTML, CSS*
- Crafted a responsive website for the Aakriti college festival using React.js, Three.js, AOS Library, and Tailwind CSS. Reduced Three.js animation loading time by 26%, ensuring a seamless experience across devices.

HOLO DOCS - Academic Resources Site | Link   *HTML, CSS, JavaScript*
- Developed a platform to store 20+ academic documents and PDFs, featuring links to courses and tech stacks, centralizing resources for academic and professional development.

SEASON NOW - Weather App | Link   *HTML, CSS, JavaScript, Weather API*
- Designed and implemented a weather app with 6 key features (temperature, humidity, day condition, speed, pressure, sun rise - sun set). Customizes themes based on real-time weather data and integrates a weather API to provide accurate forecasts for user-specified locations, enhancing user experience and engagement.

ACHIEVEMENTS

- Awarded "Exceptional Intern of the Month" at WebCook Software Solutions for completing three React.js projects in a week.
- Led a team of 24 members across 6 project groups in organizing and managing the technical execution of the college's annual technical fest.
- Managed and led the Coding Club, teaching weekly questions and guiding members in coding practice for a year.
- Secured a rank of 21,249 in EAMCET among 190,000 students

CERTIFICATION

- Web developer intersnhip Certificate— GLOOMDEV
- Edunet Foundation's Code Unnati Program Advance Course Completion— EDUNET
- Code Unnati Innovation Marathon 2025 participation Certificate— EDUNET
- Completed ReactJS Bootcamp (3 days) — LETS UPGRADE
- Finished Java Programming Classes and Objects (1 hour) — UDEMY
- Completed HTML and CSS Mastery with Real Projects (41 hours)— UDEMY