

CHIMATA POOJITHA

Guntur, Andhra Pradesh, India

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CAREER OBJECTIVE

A results-driven and technically proficient Computer Science undergraduate with a solid foundation in software engineering principles, object-oriented programming, and web development. Proficient in Python, Java, C, and front-end technologies such as HTML, CSS, and ReactJS. Possesses strong analytical and problem-solving skills, with a keen interest in developing efficient and scalable software solutions. Eager to contribute to a dynamic team environment and grow as a software professional by continuously learning and embracing emerging technologies.

WORK EXPERIENCE

AI & Cloud Intern

April 2025 – June 2025

Edunet Foundation in collaboration with Microsoft (Remote)

- Completed an intensive 8-week internship on Microsoft AI and Azure platforms. Built a Fashion Recommendation System using Deep Learning techniques.
- Implemented product similarity features, leveraging aesthetic scores, purchase data, and image-based features. Gained hands-on experience with Azure services, cloud deployment, and AI model integration.

Web Development Intern

May 2024 – June 2024

InternPe (Remote)

- Engineered a fully functional scientific calculator using HTML, CSS, and JavaScript, integrating core mathematical operations with precision.
- Designed and implemented a responsive, user-friendly interface focused on cross-browser compatibility and intuitive UX. Strengthened frontend development skills while applying core web concepts.

EDUCATION

Vignan's Foundation for Science, Technology and Research

Aug 2022 – Present

B.Tech in Computer Science and Engineering - CGPA: 8.33

Guntur, India

Narayana Junior College

Jun 2020 – Apr 2022

Intermediate (MPC) - Percentage: 93.6%

Guntur, India

Narayana English Medium School

Jun 2019 – Mar 2020

Secondary School (10th Grade) - Percentage: 95%

Guntur, India

PROJECTS

MERN STACK - Auction Website

Apr 2024

- Designed and developed a real-time auction website with dedicated roles for users, bidders, and admins. Enabled live bidding, item uploads, time-based scheduling, and secure order placement.
- Implemented dynamic bid filtering, countdown timers, and user registration with real-time bid status notifications, including win confirmations and payment instructions. Integrated Razorpay for secure payments, invoice generation, and enabled product uploads with customizable bidding timelines.
- Built an admin dashboard to manage auctions, update listings, and ensure data consistency in MongoDB. Utilized Socket.IO for real-time bid updates and ReactJS for a responsive, role-based UI.

Gender Based Image Detection

Oct 2024

- Built a machine learning pipeline to classify gender based on facial features using traditional classifiers like SVM, KNN, Logistic Regression, and Random Forest.
- Preprocessed images using OpenCV for grayscale conversion, resizing, and feature extraction. Achieved optimal results with SVM, offering the best balance of accuracy and precision.
- Evaluated models using classification metrics and cross-validation to ensure generalizability and reduce overfitting.

Hybrid Based Food Image Classification | Python,CNN,SVM, Scikit-learn, TensorFlow April 2025

- * Developed a hybrid image classification model combining CNN and SVM for improved accuracy. Applied preprocessing and feature extraction to enhance robustness and reduce noise.
- * Extracted deep features from CNN layers and passed them to an SVM classifier, achieving a classification accuracy of 90 percentage.
- * Evaluated model against baseline CNN, SVM, and Random Forest models using accuracy and confusion matrix; visualized training-validation metrics for better interpretability.

Fashion Recommendation System | Python, TensorFlow, Keras, Flask, Sklearn, MobileNetV2 June 2025

- * Built and deployed a fashion recommendation system leveraging deep learning (MobileNetV2) and cosine similarity to suggest visually similar fashion items based on input images.
- * Integrated features like aesthetic scoring, price, sales count, and “Buy Now” with quantity and payment input. Built a Flask backend and deployed the web app using 4,441 fashion images in Visual Studio Code.
- * Displayed post-purchase success message with user detail capture (name, email, address, payment method). Generated classification reports and graphs to analyze fashion brand market trends.

TECHNICAL SKILLS

Languages: Python, C, Java

Web Technologies: HTML, CSS, Bootstrap

Databases: SQL, MongoDB

Developer Tools and Platforms: VS Code, Git, Google Colab, Jupyter Notebook, GitHub, AWS (S3, CloudFront), Python (Automation), CMS Tools, Data Organization, JIRA, GitHub

Primary Skills: Audio Content Validation, Quality Assurance, Metadata Management, MS Excel, MS Office Suite, XML/JSON Handling, SOP Adherence

SOFT SKILLS

- Problem-Solving, Teamwork, Active Listening
- Communication, Time Management
- Adaptability, Attention to Detail, Decision-Making
- Leadership and Initiative, Patience and Focus

ACHIEVEMENTS

College National Youth Festival

2023-2025

Coordinator

Vignan University

- * Served as Coordinator for the National Level Youth Festival ”Mahotsav” at Vignan University, showcasing leadership and organizational excellence.
- * Finalist in “Stack Hack” and Smart India Hackathon 2023, showcasing innovative problem-solving, detailed project documentation, and consistent deliverable quality in real-world tech challenges.

Elected Class Representative

- * Acted as a bridge between faculty and students, coordinating academic and administrative activities.
- * Represented 70+ peers in academic and administrative forums, ensuring effective communication between students and faculty.
- * Coordinated class activities, scheduling, and conflict resolution to maintain smooth academic operations.

CERTIFICATIONS

- *AWS Certified Cloud Practitioner – Amazon Web Services*
- *Cisco Networking Academy | CCNA, Cybersecurity, Python*
- *Introduction to Front – End Development – Meta (Coursera)*
- *Generative AI Fundamentals – Google Cloud*
- *Supply Chain Principles – Georgia Tech (Coursera)*
- *Public Speaking, Leadership and Team Effectiveness – NPTEL*
- *ServiceNow Micro – Certifications*
- *Preliminary English Test (PET) – Cambridge*
- *Responsive Web Design – FreeCodeCamp*