

# BHAVANI THOTA

## OBJECTIVE

Detailed-oriented Data Annotation and AI Evaluation Specialist with hands-on experience in analyzing, validating, and improving AI and LLM model performance. Skilled in data labeling, content evaluation, and quality assurance across diverse data types. Strong background in software development (Java, Python, Flask, React.js, MySQL) combined with a deep understanding of prompt evaluation, fact checking, and analytical thinking for model improvement. Proven ability to lead large teams and deliver Production-Scale systems across multiple domains using Python, Cloud Platforms, and advanced ML Frameworks. Passionate about contributing to responsible AI development with high accuracy and attention to detail.

## EDUCATION

<b>Bachelor of Technology in Electronics and Communication Engineering</b>	2019 - 2023
Usharama College of Engineering and Technology - GPA : 7.2	
<b>Intermediate in MPC</b>	2017 - 2019
NRI Junior College - GPA : 7.5	

## SKILLS

### Programming Languages : Java, Python, C++

<b>Web Technologies</b>	: HTML, CSS, JavaScript
<b>AI &amp; Annotation</b>	: Data Annotation, Content Evaluation, Fact Checking, Prompt Review, Analytical Thinking, Logical Reasoning, English Comprehension, Model Evaluation, Quality Check, Accuracy Analysis.
<b>Databases</b>	: MySQL, MongoDB
<b>Frameworks</b>	: Spring Boot, React.JS, Flask
<b>Tools</b>	: ChatGPT, Grok, Grammarly, Gemini, Excel, Git/GitHub, VS Code.
<b>Soft Skills</b>	: Attention to Detail, Critical Thinking, Communication, Team Collaboration

## Experience

<b>AI Data Annotator   Jhaishna Technologies</b>	<b>February 2025 – Present</b>
As an AI Data Annotator, I have completed over 1,500 tasks across multi-modal projects, specializing in content moderation, image annotation, and prompt development for leading AI models	
I focus on ensuring diversity, factual accuracy, and quality while refining models for human-likeness and usability.	
Streamed policy updates through Azure Event Hubs, enabling real-time claims recommendation pipelines and customer advisory chatbot integrations.	
Consistently ranked in the top 10% of annotators, Proficient in using Excel and Google Suite for organizing, cleaning, and validating large datasets with high accuracy. I have contributed to high-stakes projects with a passion for advancing AI accuracy and innovation through meticulous data validation	
I utilize tools like Grammarly, Gemini, and ChatGPT, and I am knowledgeable in using Chrome extensions to optimize my workflow for efficiency. I'm a fast learner when it comes to adopting new extensions and chatbot models, continually enhancing my productivity and effectiveness in data annotation.	
I successfully completed projects entailing image, text, audio, and video annotations, Generated synthetic datasets using GPT models and Faker to improve robustness of financial document summarization.	

### Full Stack Developer | Jhaishna Technologies

**February 2025 – Present**

Designed, developed, and deployed <b>web-based applications</b> across HR, tax consultancy, and enterprise domains.
Built a <b>Human Resource Management System (HRMS)</b> using <b>HTML, CSS, JavaScript, Flask, and MySQL</b> , with advanced features like <b>face recognition</b> and <b>GPS-based login/logout tracking</b> .
Developed <b>interactive user and admin dashboards</b> , enabling streamlined employee management and reporting.
Deployed applications on <b>AWS EC2</b> for live production usage, ensuring high availability and scalability.
Collaborated with clients to gather requirements and built <b>responsive frontends</b> with <b>HTML, CSS, JavaScript</b> .
Designed and implemented <b>backend APIs</b> using <b>Node.js and MySQL</b> for tax calculation, document upload, and secure authentication in the <b>eFile Tax Consultant Project</b> .
Contributed to the <b>Hathway ASAP automation project</b> , developing scripts using <b>Linux, Oracle Database, Java, and Shell Scripting</b> to enhance system automation and data flow.
Created a <b>Payslip Generator Tool</b> to automatically calculate and generate salary slips, reducing manual effort and improving accuracy.

- Ensured **secure data handling** and compliance with organizational policies by implementing authentication and access control measures.
- Utilized **Git/GitHub** for version control, code collaboration, and deployment management.
- Worked in **agile development cycles**, participating in requirement discussions, sprint planning, and testing phases.

## PROJECTS

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### HRMS Portal - [Link](#)

- Developed a **web-based HRMS portal** using **Flask, MySQL, HTML, CSS, and JavaScript**, enabling secure employee attendance tracking with face recognition and GPS-based login/logout.
- Implemented features such as **daily status reporting, rota management, notifications, and Excel exports** for admins to streamline workforce management.
- Built **role-based dashboards** for employees and admins, supporting user management, rota uploads, and system-wide alerts.
- Designed and integrated **secure authentication** (hashed passwords, OTP-based password reset) to ensure data protection.
- Deployed the system on **AWS EC2**, enabling production-level usage with scalability and real-time access.
- Tech Stack:** Python (Flask), MySQL, HTML5, CSS3, JavaScript, Bootstrap, OpenCV, Face Recognition (dlib), Pandas, AWS EC2, Git/GitHub.

### Image Generation Platform(Stable Diffusion, Hugging Face, AWS G5)

- Delivered a text-to-image generation platform using Stable Diffusion models. Initially applied **zero-shot prompting** for generic creative generations with reference image, but to achieve higher accuracy and realism for client use cases (e.g., building and mall designs).
- We fine-tuned Hugging Face models locally on GPUs using the **LoRA method**. Fine-tuning was essential to reduce hallucinations and generate realistic architectural outputs.
- To further optimize performance, applied **quantization (FP16)** for stable inference. Deployed the fine-tuned models on AWS G5 GPU instances, achieving ~5 seconds per image with automated multi-variant generation pipelines (4 unique images per prompt).
- Tech stack:** Stable Diffusion, Hugging Face, LoRA, Zero-shot Prompting, Python, AWS G5, Quantization (FP16), Docker, CI/CD.

### Jhaishna Technologies – Company Portfolio

- Developed and maintained the official company website for Jhaishna Technologies, a firm offering digital services including Oracle consulting, CRM, billing platforms, and products like MXCloud, HRMS, and e-invoicing.
- Built and integrated dynamic Career and Contact pages using Flask, enabling secure user data submissions and real-time admin notifications via email.
- Used HTML, CSS, JavaScript, Flask, and MySQL to create responsive, fast-loading pages and database-backed form handling for job applications and inquiries.
- Improved user interaction and accessibility, ensuring cross-device compatibility and following modern web development best practices.

### Tax Filing and Compliance Management Portal

- Developed a comprehensive tax compliance web application using **Node.js, MySQL, HTML, CSS, and JavaScript**, enabling users to file and manage **ITR, GST, and ROC** services digitally.
- Implemented dynamic modules for **financial data entry, document uploads, and real-time request tracking** through an intuitive **customer dashboard**.
- Designed secure workflows for users to **view, edit, and update profiles**, change passwords, and **enable Two-Factor Authentication (2FA)** for enhanced account security.
- Built a robust **Super Admin Dashboard** to manage **service requests, regions, pricing, payments, and user roles**, ensuring complete administrative control and transparency.
- Integrated **payment and refund management** with transaction tracking and audit capabilities for financial accuracy.
- Optimized database schema and implemented **role-based access control (RBAC)** to maintain data security and operational efficiency.
- Tech Stack :** Node.js, Express.js, MySQL, HTML5, CSS3, JavaScript, Bootstrap, Git/GitHub.

### TechStack's Learning Platform(AI-Enhanced Education Portal) – [Link](#)

- Built a full-stack web application using **Flask (Python), MySQL, HTML, CSS, and JavaScript**, enabling user authentication (signup/login/logout), Google OAuth integration, and secure password reset with OTP via email.
- Designed and implemented **MySQL database schemas** for users, logins, contacts, and subscribers, ensuring relational integrity with foreign keys.
- Developed and deployed an educational platform enabling **AI-driven analytics** on learner data.
- Developed **Admin Dashboard** with analytics (user statistics, monthly registrations, recent logins, and contact messages) using Flask templates and JSON data.

- Implemented **session management**, **hashed password storage (Werkzeug)**, and **secure redirects** to enhance data security.
- Integrated **newsletter subscription system** and **contact form with automated email confirmations** using Gmail SMTP.
- Applied **content summarization and keyword analysis** using Python scripts.
- **Tech Stack:** Python (Flask), MySQL, HTML, CSS, JavaScript, Google OAuth, SMTP, Jinja2 Templates

## Certifications

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- Data Analytics and Data Visualization Simulation in Accenture.
- Python Course Certification from IBM.
- Web Development Course Completion Certification.
- Java Full Stack Certification in Simplilearn.