

Digvijaysing Bhatesing Rajput

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Work Experience

Cognizant Technology Solutions

July 2022 – July 2024

Programmer Analyst

- Developed enterprise Salesforce solutions using Apex, LWC, Visualforce, and Aura.
- Integrated Einstein AI to automate lead scoring and case assignment, reducing manual effort by 40%.
- Configured security models: profiles, permission sets, record types, and sharing rules.

Microsoft Future Ready Talent Internship

March 2022 – May 2022

Cloud & DevOps Intern

- Containerized and deployed the “Mess Menu” React app to Azure App Service with CI/CD pipelines.
- Implemented end-to-end CI/CD pipelines in Azure DevOps, accelerating application releases.

Education

Indian Institute of Technology, Hyderabad

July 2024 – June 2026

M.Tech in Computer Science & Engineering, SGPA: 8.5/10

NBSSOE College, SPPU University, Pune

July 2018 – June 2022

B.E. in Computer Engineering, CGPA: 9.15/10

Sheth V.K. Shah Vidya Mandir, Shahada

HSC (12th grade): 74.92%

June 2017

SSC (10th grade): 88.20%

June 2015

Projects

Conversational AI System

- Built a voice-enabled conversational interface using React.js and Django, integrating speech-to-text and text-to-speech pipelines with multiple models for real-time interaction.
- Fine-tuned and evaluated various LLMs for intent classification and response generation, and used Python and PostgreSQL to manage dialogue flow, session data, and inference orchestration.

Adversarial Robustness of Florence 2

- Evaluated the adversarial robustness of Florence-2-Base on COCO object detection under FGSM and PGD attacks, revealing critical vulnerabilities.
- Designed a practical, retraining-free defense pipeline using input and feature-level transformations to restore model performance under attack.

Jira Automation Portal

- Developed a React UI with Django using the Jira API to convert user inputs into detailed tickets.
- Automated creation of tasks and subtasks by preprocessing input with Python and invoking LLM APIs.

Mess Menu App

- Built a web app to aggregate daily menus from campus mess halls, eliminating manual tracking.
- Deployed via Azure App Service and Docker for scalable, reliable performance.

Academic Research

Assumption-Free Class Incremental Learning (AFCIL)

May 2025 – Present

- Designing a continual learning paradigm with CLIP models that operates without exemplars on long-tail, imbalanced datasets.
- Proposed a novel training strategy (DES) using lightweight adapters to overcome forgetting, achieving SOTA on CIFAR-100/ImageNet.

Adversarial Robustness in Florence-2 VLM

Apr 2025 – Present

- Developing defense strategies for object detection under PGD/FGSM attacks without fine-tuning.
- Achieved recovery in model performance using input and feature-level transformations in Florence-2 robustness project.

Technical Skills

- **Languages:** C++, Python
- **Web & Frontend:** React.js, Node.js, HTML5, CSS3
- **Machine Learning:** VLM, LLM, PyTorch, NLP, Transformers
- **Salesforce:** Apex (sync/async), LWC, Flows, Einstein AI
- **Databases:** MySQL, PostgreSQL

Certifications

- Salesforce Certified Administrator & AI Associate
- Salesforce Certified Platform Developer I & II
- Salesforce Certified JavaScript Developer 1
- Salesforce Process Automation Accredited Professional
- Microsoft Certified: Azure Fundamentals (AZ-900)

Volunteering & Leadership

Placement Coordinator, Dept. of CSE, IIT Hyderabad

Mar 2025 – Present

Facilitated placement drives, coordinated with recruiters, and managed logistics and communications for student hiring.

SPICMACAY-IITH, Hospitality & Logistics Coordinator

Feb 2025 – Present

Organized cultural events promoting Indian classical arts, managed hospitality and event logistics.

Epoch Club, Coordinator

Apr 2025 – Present

Led collaborative activities in ML/DL, organized weekly technical sessions on emerging AI topics.

Robotix Club, Member

Feb 2025 – Present

Worked on automation and embedded systems projects in robotics workshops and tech events.

Awards & Activities

- Winner, ET Campus Star (Economic Times)
- 1st Place, AI Ideathon Hackathon (IIT Hyderabad, 2024)
- 1st Place, Innovation Elan n Vision (IIT Hyderabad, 2025)
- 1st Place, Dev Duel Hackathon (IIT Hyderabad, 2025)
- 2nd Place, Pulse Quest Hackathon (IIT Hyderabad, 2025)