

Tejaswini Jakka

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EDUCATION

Arizona State University

Master of Science in Computer Science, GPA : 4.11/4

January 2025 – December 2026

Tempe, Arizona, USA

Chaitanya Bharathi Institute of Technology, Hyderabad (CBIT)

Bachelor of Engineering in Computer Science and Engineering, GPA : 8.5/10

July 2018 – June 2022

Hyderabad, Telangana, India

EXPERIENCE

Software Developer

ASU Decision Theater Network

June 2025 – Present

Tempe, AZ, USA

- Building Minerva - an interactive, visualization-based tool to explore huge datasets enabling the stakeholders to explore, analyze, and gain insights from large-scale investment and trade datasets.

Software Engineer

F5 Networks Innovation Pvt. Ltd.

July 2022 – Aug 2024

Hyderabad, India

- Developed custom applications and automation tools using **Python** to streamline internal engineering workflows and enhance productivity.
- Designed and deployed REST APIs using **Flask**, **Django**, **Tornado** for scalable internal tools and microservices.
- Managed backend integrations with **PostgreSQL**, **MySQL**; handled version control and deployments with **Git**.
- Migrated **20** k8s microservices, resulting in **15%** enhancement in the efficiency of these microservices.
- Fine-tuned DB mappings optimizing fetching the build information for branches from **20** minutes to seconds.
- Built frontend features with **ReactJS**, improving UI responsiveness and user interactivity.
- Developed an app using **Java**, **HTML/CSS**, improving user experience by **7%** and reducing load times by **30%**
- Participated in Agile workflows using **JIRA** for story tracking, sprint planning, and PI roadmaps.

Software Development Engineer - Internship

Darwinbox

January 2022 – June 2022

Hyderabad, India

- Developed backend microservices in Flask; automated HR analytics workflows.
- Assisted in developing the customer churn prediction for the company
- Automated cleanups and tasks using **Ansible**.
- Built Tableau dashboards to visualize NLP model outputs for internal analytics teams.

PUBLICATIONS

Application for High-Quality Produced Crop Price Forecasting Through Deep and Machine Learning

Tejaswini Jakka, Prajwal Ganugula (IRJMETs, November 2023)

Self-Driving Cars to Drive Autonomously using Deep Learning

Drashya Hitesh Gohil, **Tejaswini Jakka**, Prajwal Ganugula, Marmik Nilesh Gohil, Veleti Sreepada Vallabh, Poosa Sai Bhargav (IJSREM, November 2023)

TECHNICAL SKILLS

Programming Languages: Python, SQL, JavaScript, React JS, Java, HTML / CSS, Go, C

Frameworks: Flask, Django, Tornado, FastAPI, ReactJS

Software: Git, Docker, Kubernetes, Jira, Ansible, Postman, OpenStack, MySQL Workbench, Heroku

Databases: PostgreSQL, MySQL, SQLite, Mongo DB, Redis DB

Tools: Git, Docker, Linux, JIRA, Heroku, Ansible, Postman, Tableau

Concepts: REST APIs, ORM, Agile, CI/CD, MVC architecture

Soft Skills: Team Leadership, Communication, Project Management, Problem-Solving, Adaptability

Appreciation and Praise: Received 1 formal Recognition from customer for displaying obsession over customer needs and Creating a more diverse and inclusive F5. Received 1 formal praise from the director of my org for being a proactive team-player and problem solver.