PRANADEEP REDDY PANYALA

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Motivated and detail-oriented Computer Science graduate student with hands-on experience in automation testing, front-end and back-end development, and AI/ML projects, challenging software development or QA role where I can leverage my technical skills, problem-solving abilities, and passion for building scalable solutions to contribute to innovative technology initiatives and drive continuous improvement.

EDUCATION

Masters of Science in Computer Science   **Aug 2023–Dec 2025**

University at Albany, State University of New York | CGPA: Ongoing   Albany, USA
Coursework: Software Engineering, Operating Systems, Artificial Intelligence, Algorithm and Data Structures, Machine Learning.

Bachelors of Technology in AI & ML   **July 2019 – May 2023**
 KL University Hyderabad, India | Cumulative CGPA: 8.87/10   Hyderabad, India

EXPERIENCE

- **Intern - Automation Testing (Automation Testing) OpenText, Hyderabad, INDIA**   **Jan 2023 – Jul 2023**
- Developed and maintained user interfaces of software applications, ensuring seamless user experience and effective navigation.
- Designed and implemented automated test scripts to verify UI functionality and meet quality assurance standards.
- Participated in the entire software testing lifecycle, from requirement analysis and test planning to bug reporting and retesting, ensuring adherence to QA best practices.
- Collaborated with cross-functional teams to identify, troubleshoot, and resolve software issues, optimizing application performance. Assisted in the development of testing frameworks, improving efficiency and reducing manual testing efforts.
- Participated in the testing of "Intelligent Viewing" software, identifying critical bugs and verifying the resolution of reported issues. Documented test cases, results, and procedures to facilitate knowledge sharing and support future testing efforts.

PROJECTS

- **Driver Drowsiness Detection techniques.**

Description: Developed a system to monitor and analyze driver alertness through image processing and machine learning Implemented facial recognition algorithms to detect drowsiness patterns, reducing potential risks of accidents

- **Fake News Detection**

Description: Built a machine learning model to classify and identify fake news articles from authentic ones. Developed and fine-tuned text classification models, achieving high accuracy in detecting misleading content.

- **Advanced Virtual Assistant users.**

Description: Created a voice-based virtual assistant with the ability to recognize commands, perform tasks, and interact with Programmed features for voice recognition and task automation, significantly enhancing user productivity.

- **Meal Planning Website (Nourish Navigator)**

Description: Designed and built a web application to assist users in planning and organizing their weekly meals based on dietary preferences. Created a User-friendly website for creating own preferred meal for lunch, breakfast and dinner based on own diet.

- **Personal Portfolio website (pranadeeppanyala.com)**

Description: Developed **PranadeepPanyala.com**, a responsive portfolio website to showcase projects, skills, and achievements. Integrated GitHub, resume, and contact forms while optimizing UI/UX, performance, and SEO for better visibility and engagement.

SKILLS

FULLSTACK DEVELOPMENT: ReactJS, JavaScript, Bootstrap, HTML & CSS, Next.js**.** Express, RESTful API, Authentication, SQL.
PROGRAMMING LANGUAGES: Java, JavaScript, Python, SQL**,** TypeScript, MySQL
AI & ML: Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn, TensorFlow, PyTorch, OpenCV, NLTK, Streamlit, Flask, FastAPI.
TOOLS & FRAMEWORKS: Azure, Git, Selenium, Visual Studio Code, Agile / Scrum, Docker, Postman
MISCELLANEOUS: Amazon AWS, Artificial Intelligence, Machine Learning, Cloud.
SOFT SKILLS: Team Player, Bias for action, Problem Solving, Communication, Adaptability.

CERTIFICATIONS

1. Eduskills - AWS Academy Graduate - AWS Academy Cloud Architecting 2021
2. Oracle Cloud Infrastructure 2021 Certified Architect Professional.
3. Microsoft Certified: Azure Fundamentals
4. Oracle certified Foundations Associate
5. Advanced RPA professional 2022