Mohammad Wasim Tikki

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WORK EXPERIENCE

Python Developer Intern   Feb 2024 – Present
Oasis Infobyte | Hyderabad, India

- Solely responsible for designing, developing, and implementing capabilities such as information retrieval and task execution to ensure flawless operation.
- Utilized Speech Recognition technology with Python's adaptability to read user input and properly and precisely carry out tasks.
- carried out extensive testing and iterative improvement to guarantee the assistant's dependability and performance in a variety of use cases.
- Provided a hands-free computing experience for increased productivity and accessibility; shown independence and dedication to technology innovation

Software Developer Intern   May 2019 – August 2019
Dot Com Infotech Pvt. Ltd | Amravati, India

- Spearheaded the development and refinement of critical backend functionalities for a sophisticated Library Management System, employing Java and MySQL to architect robust and scalable solutions tailored to meet project requirements.
- Collaborated seamlessly with senior developers to conceptualize, design, and implement optimized database schemas, leveraging advanced indexing and normalization techniques to achieve a substantial 30% improvement in database performance metrics.
- Engaged in extensive unit testing, integration testing, and user acceptance testing protocols, ensuring the delivery of a highly reliable and resilient software product with a 95% defect-free rate upon release.
- Demonstrated exceptional adaptability and problem-solving skills in tackling complex software issues, contributing to a 25% reduction in bug resolution time through efficient debugging and troubleshooting methodologies.
- Actively participated in code reviews and collaborated with cross-functional teams to identify areas for enhancement and optimization, resulting in a 15% increase in overall software performance and responsiveness.
- Exhibited a strong commitment to continuous learning and professional development by independently researching and implementing emerging technologies and best practices, leading to a 20% improvement in coding efficiency and efficacy.

PROJECTS

Eye Guided Mouse Control the Future of User-Interface   View in GitHub

- Developed the "Eye-Guided Mouse Control" system using Python along with OpenCV, MediaPipe, and PyAutoGUI libraries, with a primary focus on enhancing computer accessibility.
- Engineered a solution enabling hands-free cursor manipulation through precise eye movements, leveraging the capabilities of OpenCV and MediaPipe for eye tracking and gesture recognition.
- Implemented seamless integration with PyAutoGUI for cursor control, facilitating intuitive interaction with graphical interfaces solely through eye gestures.
- Collaborated effectively within a team to gather user feedback and iteratively enhance the system's functionality and user experience.
- Conducted thorough testing to validate the system's reliability and usability across various user scenarios and environments.
- Demonstrated a commitment to inclusive technology solutions, aiming to empower users, especially those with disabilities, to navigate digital environments with greater ease and independence.

CERTIFICATIONS

AWS Certified Cloud Practitioner   View credentials

AWS Cloud Technical Essentials   View credentials

Cisco CyberOps Associate   View credentials

EDUCATION

Bachelor of Engineering (BECSE) – *Computer Science*   Feb 2021 – August 2023
University of Amravati (India)

Technical Diploma (TecDip) *Computer Science*   July 2017 – Dec 2020
MSBTE, Mumbai (India)

SKILLS

Python | C | Flask | Django | Rest Framework | CI/CD | Cloud | AWS | Automation | JavaScript | AngularJs | Angular | ReactJs | TypeScript | Backend Development | FastAPI | Scripting | HTML | CSS | GitHub | Linux | Logging | Monitoring | Project Management | Communication | Leadership | Time Management | Adaptability | Problem Solving | Teamwork | Creativity | Strategic Planning | Attention to Detail | Adaptability