

Chirag Khemchandani

chiragkhemchandani7866@gmail.com | +91 8989422972

Summary

Driven computer science professional with a keen eye for detail and a history of delivering results. Strong problem-solving and analytical skills, combined with a passion for innovation and continuous self-improvement Initiative-taking collaborator experienced in effective communication and building strong relationships. Excited to apply engineering expertise, gain practical experience, and contribute to a dynamic and collaborative team.

Education

- **Lovely Professional University** 2019-2023
Bachelor of Technology (Computer Science and Engineering)
 - Achieved a CGPA of 7.00
 - Relevant coursework: Cyber Security, Red Hat Linux Operating system
- **Jath Public School, Ratlam (M.P.)** 2019
Higher Secondary Certificate (Board of Secondary Education, Madhya Pradesh)
 - Completed studies in the science stream with a focus on physics, chemistry, and mathematics.
- **Morning Star School, Ratlam (M.P.)** 2017
Secondary School Certificate (Central Board of Secondary Education)
 - Demonstrated consistent academic performance and actively participated in extracurricular activities.

Professional Experience

- **Cognizant Technology Solution Pvt. Ltd.** Pune, Maharashtra
Intern 05/2023-09/2023
 - Selected after successful completing an all India National level examination assessing both aptitude and technical skills followed by a technical interview.
 - I was tasked with overseeing the non-functional testing domain, ensuring the verification of critical aspects such as performance, stability, and usability of the product.
 - the project would provide interns with valuable hands-on experience in non-functional testing, allowing them to develop skills that are essential for a career in software testing.
 - Achieved an A grade in the Soft Skills and Personality Enhancement Program, and successfully passed the final assessment of the internship program.
- **Codetantra Tech Solutions Pvt. Ltd.** Remote
Summer Intern 06/2021- 07/2021
 - Completed a Python course covering syntax, data types, control structures, functions, modules, and libraries, including hands-on projects and exercises.
 - Successfully finished the final project, titled "Arithmetic Calculator."

Technical Skills

Programming Languages: Python, Java

Web Technologies: HTML, CSS

Operating System: Red hat Linux Operating System

Projects

- **Drowsiness Detection system**

- The Drowsiness Detection System using Python is a project designed to detect signs of drowsiness in individuals, particularly drivers, using computer vision techniques. The system typically uses a camera to monitor the driver's facial features, such as eyes and head position, in real-time.
- The project involves the use of Python programming language and various libraries and frameworks, such as OpenCV for image processing and dlib for facial landmark detection. The system can detect indicators of drowsiness, such as eye closure or head nodding, and trigger alerts or alarms to alert the driver and prevent potential accidents.
- Overall, this project demonstrates the application of Python in computer vision for real-world safety applications, highlighting the importance of technology in enhancing road safety.

- **Enhancing Shopping Website Performance: A JMeter Non-Functional Testing Project**

- This project focuses on evaluating the performance, scalability, and reliability of a shopping website through non-functional testing using JMeter. The project includes creating and executing test plans to simulate user interactions on the website, such as browsing products, adding items to the cart, and checking out. The tests aim to measure the website's response time, throughput, and resource utilization under different loads.
- Through stress testing, the project identifies the website's breaking point, while capacity testing assesses its scalability. Reliability testing ensures the website can handle continuous usage without failures.
- The project's objective is to ensure a seamless shopping experience for users by identifying and addressing performance bottlenecks and reliability concerns. The deliverables include a detailed test plan, test scenarios, test results, and recommendations for improvement.

- **Salesforce Implementation for Business Enhancement: A Trailhead Final Project**

- The Trailhead Salesforce Final Project entails designing and implementing a Salesforce solution to address specific business needs. Participants leverage their acquired skills in Salesforce administration, configuration, customization, and development to create a functional application.
- The project involves several key steps, including analyzing business requirements, designing the Salesforce solution, configuring Salesforce settings, customizing the application using Salesforce tools (such as Apex and Visualforce), and testing the solution to ensure it meets the specified requirements.
- Throughout the project, participants demonstrate their ability to effectively use Salesforce technologies to enhance business processes, manage data, and automate tasks. Successful completion of the project showcases proficiency in Salesforce and qualifies participants for Salesforce certifications or recognition of their expertise.

Certifications

- Cognizant Internship program in Non-Functional Testing (Cognizant)
- Salesforce Trailhead (Salesforce)
- Python Programming (Codetantra)