Gaurav Singh Bhadauria

+91-8527409461 | bhadauriagaurav22@gmail.com | LinkedIn: gaurav | Portfolio: gaurav | Github: n0ted

EDUCATION

Aravali College of Engineering and Management,   Aug 2020 – May 2024 | Faridabad, India
B.Tech in Computer Science Engineering (AIML)— CGPA : 8.39 / 10

PROFESSIONAL EXPERIENCE

QA Trainee, *Bug Hunters Private Limited*   Feb 2024 – Present | Faridabad, India
- Executed test cases, analyzed results, and documented defects, contributing to a 15% improvement in defect identification and resolution efficiency.
- Developing a Python automation framework, to reducing test script creation and maintenance time by 20%.
- Collaborated with cross-functional teams, actively participating in test planning discussions, leading to a 10% increase in overall test coverage.
- Tech stack : Python, Selenium, GitLab, Pytest, Unittest, Machine Learning, React, Flask, Docker

Software Developer Intern, *Extension Technologies*   Jun 2023 – Dec 2023 | Faridabad, India
- Led the development of various ERP projects, enhancing web apps and integrating them with mobile apps.
- Optimized application performance by implementing a session API to consolidate data requests and smart filters for efficient data handling; achieved an impressive 25% decrease in loading time, enhancing user experience.
- Set up CI/CD pipelines to juggle multiple client projects simultaneously, catching and fixing bugs along the way.
- Tech stack : Python, Javascript, Frappe, Linux, GitLab, Grafana, DigitalOcean.

SKILLS

Languages:
Python, SQL, JavaScript, HTML, CSS

Frameworks:
Pytest, Unittest, Django, Frappe, REST Framework, FastAPI

Developer Tools:
Selenium, Git, Docker, AWS, Google Cloud, VS Code, Postman, Grafana, Rpi, Portainer

Miscellaneous:
Linux, Data Structures and Algorithms, STLC, NumPy, Object Oriented Programming, OpenCV, Jira

PROJECTS

AutoPrioTest: ML Automation, *Python, React, Axios, Flask, scikit-learn*   Feb 2024 – Mar 2024
- Integrated React frontend with Flask backend, utilizing Flask for running machine learning logic and ensuring secure communication, supported by Axios for efficient HTTP requests.
- Trained a Logistic Regression model to automate test case prioritization, achieving a substantial 40% acceleration in the testing process.

Facesync: Attendance System, *Python, OpenCV, Pillow, MySQL*   Feb 2022 – Oct 2022
- Developed a platform to mark and track attendance in real time using Facial Recognition and Deep Learning
- This solution accelerates the process by 40%, compared to conventional methods, ensuring precise and swift attendance recording and analysis.

PathPilot: A Lane Tracking Bot, *Python, Keras, OpenCV, TensorFLOW*   Dec 2020 – Jun 2021
- Developed a lane-tracking robot with ML and computer vision, implementing obstacle avoidance.
- Improved navigation precision by 30%, enabling efficient object tracking within a predefined mapped area.

ACHIEVEMENTS

IoT Lead - ACEM, *Google Developers Student Club*
- Mentored 30 peers in group projects, enhancing reasoning capabilities and promoting collaboration.

CP Platforms, *LeetCode | Codechef*
- gaurav_b22(3Star) | 400+ submissions & solved 180+ advance DSA problems
- gaurav2214 | Tackled 100+ coding problems

Google Cloud Skills Boost
- Earned 12+ skill badges, securing 13th place on the leaderboard, demonstrating proficiency in diverse GCP tasks.

Certificates
- GDSC Core Team (Mentor) | JPMorgan Virtual Training (Trainee) | GoldmanSachs Virtual Training (Trainee)