

Gaurav Singh Bhadauria

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EDUCATION

Aravali College of Engineering and Management,
B.Tech in Computer Science Engineering (AIML) — CGPA : 8.39 / 10

Aug 2020 – May 2024 | Faridabad, India

PROFESSIONAL EXPERIENCE

QA Trainee, Bug Hunters Private Limited

Feb 2024 – Present | Faridabad, India

- Developed a Python automation framework, to reducing test script creation and maintenance time by 20%.
- Created a Self Healing Algorithm using ML for CICD infrastructure reducing deployment failures by 96%.
- Shipped Session Management feature for intuitive session management utilizing web driver cookies.
- Collaborated with Devops team to integrate self healing machine learning algorithm in existing infrastructure.
- Tech stack : Python, Selenium, GitLab, Unittest, Machine Learning, React, Flask, Docker, Flask, Render, Azure Devops

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:

Pytorch, Unittest, Django, Frappe, REST Framework, FastAPI

Developer Tools:

Selenium, Git, Docker, AWS, Google Cloud, VS Code, Postman, Grafana, Render

Miscellaneous:

Linux, Data Structures and Algorithms, STLC, NumPy, OOPS, Machine Learning, OpenCV, Jira, Framer

PROJECTS

BugLens: Chrome Extension, Python, ReactJs, ML, Axios, Flask

Mar 2024 – present

- Developed a chrome extension aimed at enhancing website security & reducing the attack surface by 36%
- Integrated ML models using pytorch to predict potential security vulnerabilities and recommendations

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.

ACHIEVEMENTS

CP Platforms, LeetCode | Codechef

- gaurav_b22(3Star) | 400+ submissions & solved 180+ advance DSA problems
- gaurav2214 | Tackled 100+ coding problems

IoT Lead - ACEM, Google Developers Student Club

- Mentored 30 peers in group projects, enhancing reasoning capabilities and promoting collaboration.

Certificates

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

Google Cloud Skills Boost

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