Bangalore, India   Kirti Rawal   linkedin.com/in/kirtirawal
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I am a Software engineer especially interested in building Websites, scaling systems up, and shipping reliable applications.

Work Experience

Software Engineer   **Continental Automotive**   **Jan 2024–Present**
Development team   Bangalore, India

- Improved release efficiency by 40% using Jenkins and GitLab CI.
- Reduced manual testing by 60%, speeding up feedback.
- Resolved over 100 monthly build issues.
- Increased system compatibility by 25%.
- Optimized deployment with Docker and Kubernetes.
- Trained 50+ developers on CI/CD best practices.

Software Engineer   **Jan 2023– Dec 2023**
QA Automation team

- Developed Python scripts to automate data retrieval from third-party providers, enhancing traceability and KPI reporting by integrating data directly into Excel.
- Streamlined data workflows, cutting manual handling time by 50% and improving performance tracking accuracy.
- Automated the QA process with CRUD operations on test artifacts, boosting testing efficiency by 40% and reducing human errors.
- Implemented end-to-end testing frameworks with Python for seamless integration with CI pipelines.
- Improved software quality through automated regression testing, reducing production defects by 30%.

Engineer Trainee   **Apr 2022– Dec 2023**
Software Intern Team

- **Gained hands-on experience** with core engineering tools and technologies, including **Python, Java, and SQL**, by participating in **workshops and training sessions**.
- **Assisted senior engineers** in the development and testing of software modules, contributing to a **10% improvement** in project delivery timelines.
- Participated in **code reviews** and learned best practices in coding standards and **version control using Git**.
- Supported the implementation of **process improvements** that led to a **15% increase** in team efficiency by documenting workflows and identifying bottlenecks.
- **Conducted research** and provided recommendations on **emerging technologies** such as AI that could enhance team productivity and project outcomes.

Education and Certifications

- **B.Tech Biomedical Engineering,** Ramaiah Institute of Technology, India.   **2017–2021**

Technologies and Languages

- Languages: Core Java, Python
- Technologies: MySQL, Postgres, AWS, Git, Linux, Jenkins, Docker
- Other: Data structures and algorithms, API, HTTP, Database

Projects

- **V2X Technology:** Developed and automated QA tools to enhance testing efficiency and system reliability for V2X technology.
- **eCommerce Logistics Management:** Developed backend logic using Django REST Framework. Built Docker images and deployed to AWS.
- **Visualizing Stock Data Trends with Python:** Utilized Python, Pandas, NumPy, and Beautiful Soup to extract, process, and visualize stock data for informed investment decisions.

Interests

- Avid cyclist and bikepacking enthusiast, combining a passion for cycling with long-distance outdoor adventures.
- I have read most science fiction novels worth reading.