Rizwan N
Associate Software Engineer | Python & C Developer

✉ rizwannowfal001@gmail.com 📞 7907075183 in LinkedIn ◯ GitHub 🔗 Portfolio

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PROFESSIONAL SUMMARY

High-performing Computer Science graduate with hands-on experience in Python automation, C-based system logic, and backend development. Proven track record of building end-to-end automation tools, managing databases, and optimizing web performance. Seeking to leverage strong debugging and problem-solving skills in an Associate Software Engineer or Developer role

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EDUCATION

B. Tech in Computer Science and Engineering   2020 – 2024
College of Engineering and Management Punnapra   Alappuzha, India
- College Topper of 2020-24 Batch
- CGPA: 8.78

Higher Secondary Education (Science Stream)   2018 – 2020
G.H.S.S Quilon West   Kollam, India
- Percentage: 92.8% (Distinction)

PROJECTS

AI Guardian: A Mental Health Chatbot
- Developed an NLP-based chatbot using Python, TensorFlow, and Flask for emotion detection and contextual response generation
- Designed REST API endpoints to handle user input, session flow, and chatbot responses
- Implemented intent classification and emotion prediction using trained ML models
- Integrated MySQL database to store conversation logs and interaction history
- Exposed backend APIs for frontend or client-side integration

Automated Naukri Job Scraper & Auto-Apply Bot
- Built an end-to-end Python automation system using Selenium WebDriver to scrape job listings, filter relevant roles, and auto-submit applications
- Implemented retry logic, redirect handling, and dynamic form validation for reliable cross-site execution
- Automated interaction with JavaScript-driven pages using browser automation and DOM element control
- Integrated Google Sheets API for real-time application tracking and status logging

AI Mouse: Hand Gesture-Based Mouse Control
- Built a real-time hand gesture control system using Python, OpenCV, and MediaPipe
- Implemented hand landmark detection to map finger movements to cursor actions
- Automated mouse control functions using PyAutoGUI for click, move, and scroll operations
- Optimized frame processing pipeline for responsive real-time interaction

Railway Reservation System (DBMS Project)
- Developed a database-driven reservation and cancellation system using Java and MySQL
- Implemented backend booking logic, record retrieval, and seat allocation workflows
- Designed relational database schema and query operations for ticket management
- Built a simple user interface connected to backend transaction processing

EXPERIENCE

Technical Analyst
Cyberfox Solutions

04/2025 – Present
Bangalore, India

- Conducted technical website audits focusing on crawlability, indexing, and on-page structure
- Implemented metadata and URL structure improvements across web properties
- Collaborated with developers to resolve site performance and structural issues
- Developed Python scripts to automate metadata extraction and backlink validation tasks
- Structured web performance data for reporting and workflow efficiency

Web Developer Intern
Cyberfox Solutions

08/2024 – 02/2025
Bangalore, India

- Developed and customized WordPress websites based on client functional requirements
- Implemented responsive UI components using HTML, CSS, and JavaScript
- Configured plugins, improved site performance, and prepared sites for deployment
- Coordinated with SEO team to implement technical optimizations and analytics integrations

TECHNICAL SKILLS

Programming Languages
Python, C, Java

Web Technologies
HTML, CSS, JavaScript, Flask, API Integration,

Database
MySQL

Tools
Selenium, Git, GitHub, VS Code

Concepts
OOP, Automation, Debugging, API Integration

CERTIFICATIONS

AI Mastery Program
Be10x

05/2025 – 12/2025

- Completed structured training in AI-assisted development, automation workflows, and data tools
- Covered Python with AI tools, SQL, Power BI, AI-powered web/ app development, and automation platforms
- Applied AI-assisted techniques for productivity, data handling, and technical workflow optimization