ABDUL RISHAAD

Hyderabad, India

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Skills

Programming Languages: C/C++, Java, Python, C#, SQL, HTML, CSS and JavaSript
Software Development: .NET Core, React, Node, REST APIs, Git, Azure DevOps, CI/CD Pipelines, Object-Oriented Programming (OOP), Multi-tier Architecture
Cloud Platforms: AWS, Google Cloud Platform (GCP)
Databases: MySQL, PostgreSQL, MongoDB, Relational Databases, Query Optimization
Methodologies: Agile, Scrum, Test-Driven Development
Systems Knowledge: Distributed Systems, Scalable and Fault-Tolerant Architecture, Multithreading, Indexing & Query Systems, System Design, Data Structures & Algorithms, Optimization (Linear/Nonlinear)
Development Tools: Postman, Rider, VS Code, IntelliJ, GitHub
Operating Systems: Linux, Windows
Soft Skills: Problem-Solving, Technical Communication, Cross-Functional Collaboration, Ambiguity Tolerance, Adaptability, Quick Learner

Experience

Qapita   Mar 2025 – Present
Software Development Engineer Intern   *Hyderabad*

- Designed and developed a scalable API automation framework using **C#**, **.NET Core**, **Object-Oriented programming**, and **RestSharp**; integrated with **Postman** to improve regression testing, reducing server failures by **30%** and enhancing error traceability by **25%**.
- Resolved critical API performance bottlenecks by collaborating with cross-functional teams; used **Azure DevOps** for release management and tracking, resulting in a **20% boost** in reliability and functionality.
- Refactored **Entity Framework** queries and optimized **MongoDB stored procedures**, decreasing backend load times by **15%** and enhancing overall service responsiveness.
- Automated testing and deployment workflows by integrating **CI/CD pipelines** using **Git**, **Azure Pipelines**, and **Docker**, improving deployment consistency and velocity.
- Collaborated with QA and product teams to implement secure APIs using authentication mechanisms **(OAuth2/JWT)**, reducing attack surface.

Education

CMR Engineering College   Hyderabad
Bachelor of Technology in Computer Science - AI & ML (CGPA 8.0/10)   *11/2021 - 04/2025*

Projects

Trading Price Predictor | *Python, Machine Learning, OpenAI, NLP* | Project Link ⤢   Feb 2024 – Feb 2025

- Developed a service-based platform leveraging **machine learning** and **sentiment analysis** to forecast asset prices from real-time data.
- Designed a scalable system for dynamic data retrieval via APIs and applied **NLP techniques** to enhance prediction reliability (targeting 50% accuracy).
- Implemented an interactive real-time chat system using **OpenAI's API** and information retrieval methods to extract market sentiment insights.

Personal Portfolio Website | *HTML, CSS, Bootstrap, TCP/IP* | Project Link ⤢   Live Site ⤢   Jun 2023 – Jul 2023

- Built and deployed a responsive portfolio showcasing projects and achievements; increased online visibility by **40%** using SEO-friendly design.
- Utilized **Bootstrap** and custom CSS for layout responsiveness; hosted on GitHub Pages and tested across **TCP/IP layers**.

Achievements

- Solved **505+** problems on **LeetCode**; achieved a peak rating of **1699**. *Profile Link* ⤢

- Earned **5-Star** rating in problem solving on **HackerRank**. *Profile Link* ⤢

- Solved **345+** problems on **CodeChef**; achieved **2-Star** rating with a highest rating of **1566**. *Profile Link* ⤢

- Ranked in the **Top 0.8%** (<272 out of 32,720) on the **Smart Interviews leaderboard**.