

ABDUR RAFAY

Software Developer C#/.dotnet

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🌐 <https://www.linkedin.com/in/abdur-rafay-/>

📺 <https://www.youtube.com/@programmingwithrafay4025> 📍 59-L Block 2 PECHS, Karachi, Pakistan

☆ <https://github.com/ABDURRAFAY360>

EXPERIENCE

Analyst Software Engineer - Full-time

ibex

📅 07/2022 - Present 📍 Karachi, Paksitan

🌐 <https://www.ibex.co/>

- Led the initiative in refactoring and optimizing code, resulting in a 40% enhancement in codebase debugging, maintainability, and readability. Implemented dependency injection, polymorphism, and code versioning techniques.
- Completely overhauled the migration process of core API services from Dotnet Core 3 and 5 to Dotnet Core 6, resulting in a 20% improvement in performance, scalability, security, cross-platform support, and overall developer experience.
- Advocated for a test-first approach and created extensive test suites using xUnit, leading to a 25% reduction in deployment and debugging time, while enhancing application performance and stability by 10%.
- Boosted client application accessibility by 25% by integrating a Node.js transcription service and seamlessly integrating socket programming. This enabled real-time communication and enhanced user accessibility.
- Enabled the migration of all front-end projects from material UI to Prime React, ensuring a seamless transition and maximizing the benefits of both technologies.
- Achieved optimized application performance using Google Cloud, resulting in a significant 30% reduction in response time and an impressive 20% increase in scalability through advanced cloud technologies.
- Deployed React with Redux for efficient state management, resulting in a 40% boost in rendering speed and a 25% reduction in page load time, enhancing user experience and engagement.

Full Stack Developer - Part-time, Virtual Sandbox

Virtual Sandbox

📅 06/2021 - 06/2022 📍 London, UK

🌐 <https://www.virtualsandbox.io/>

- Facilitated seamless integration of Accounting Software platforms through APIs, webhooks, and task schedulers, reducing data synchronization errors by 25% and improving system interoperability and performance by 40%.
- Incorporated Twilio and Nexmo to enhance user engagement with surveys, reminders, and calls, yielding a notable 30% increase in response rate and significantly enhancing overall application performance.
- Crafted and constructed a Laravel-based billing and invoicing automation system, resulting in streamlined processes, automated reminders, and insightful analytics.
- Attained a remarkable 30% reduction in payment processing time, empowering businesses with efficient payment schedules, automated reminders, and data-driven insights.
- Produced a CI/CD pipeline using Jenkins, reducing costs and, increasing application speed and agility by 30%, improving collaboration, and achieving elevated scalability.
- Adapted Redis for high performance, high availability, and low data latency, resulting in a 50% reduction in response time and enhanced scalability.
- Enrich product life cycle by mastering unit and integration testing. Integrated test suites with Jenkins build job, resulting in a 40% reduction in critical bugs and a 30% increase in overall product quality.

Data Intern - Internship

Qordata

📅 06/2021 - 09/2021 📍 Karachi, Pakistan

🌐 <https://www.qordata.com/>

- Elevated Efficiency, Accuracy, and Cost Savings by 60% through writing automation data extraction scripts on Selenium and also wrote different Python scripts to automate different Excel operations
- Performed Data Engineering Techniques and Analysis on EFPIA (EuorpeanFederation of Pharmaceutical Industries and Association) countries for Bayer Germany

EDUCATION

Bachelor's Computer Science

National University of Computer and Emerging Sciences(NUCES)

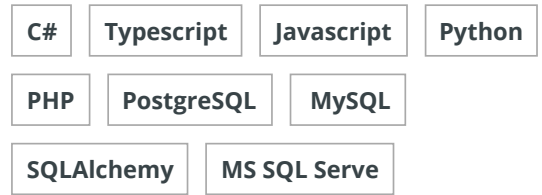
📅 2018 - 2022 📍 Karachi, Pakistan

GPA

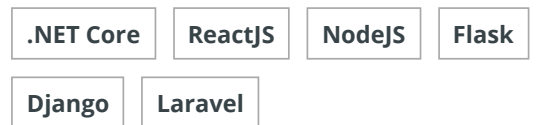
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SKILLS

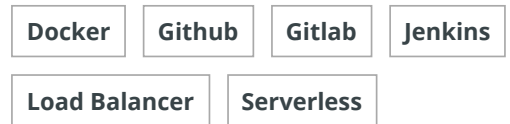
Programming & Database



Framework & Libraries



Cloud & DevOps



ACHIEVEMENTS



Alibaba Global AI Innovation Challenge Winner

International hackathon where 2520 teams from 36 countries participated.



Dean's List of Honor

Bachelor's Computer Science 2020,2021 and 2022



Showcase our Product at AI Summit 2021

Participated in the competition, and our product also got featured in AI Summit Expo

COMMUNITY CONTRIBUTOR

Programming Educator

As a YouTuber, helped students to learn the basics of software engineering. Created tutorials, gave lectures, and shared knowledge with viewers.