

Farhan Ali

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EDUCATION AND HONOURS

National University of Computer and Emerging Sciences, Lahore (Pakistan)

Aug 2019 - June 2023

Bachelors in Computer Science [CGPA: 3.91/4.0]

- Relevant Coursework: Advanced Database Concepts, Web Programming, Software Design & Analysis, Information Security.
 - Rector's List of Honours (2 times) and Dean's List of Honours (5 times)
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PROFESSIONAL EXPERIENCE

Engineering Intern - EMPG Labs, Lahore (Pakistan)

Jan 2023 - March-2023

- Contributing to the development and maintenance of the Propforce Affiliates App, ensuring its stability and functionality.
- Assisting in the implementation of new features and enhancements, ensuring its consistent improvement and growth.
- Participating in the testing and quality assurance of the App, ensuring its high-quality performance and user satisfaction.

Founder - Contract.PK, Lahore (Pakistan)

July 2022 - Present

- Working with a co-founder to design and develop a web-based product that uses the escrow model to avoid online scams.
- Incorporated firebase analytic tools and helped in capturing trends in the data, which increases the number of registered users from 100 to more than 350.

Teaching Assistant - FAST-NUCES, Lahore (Pakistan)

Sep 2021 - Jan 2022

- Managed a section of 40 plus students for a Data Structures course in collaboration with an assistant professor.
- Conducted weekly sessions to help students understand data structure fundamentals and to clear up their doubts.
- Automated evaluations by writing test cases. Worked with code parsing and plagiarism checking scripts.

Web Developer - Memory Maps, DC Washington (USA)

June 2021 - Sep 2021

- Worked remotely on a contractual basis with a Forbes 30 under 30 CEO to help develop an MVP for his startup.
 - Completed and launched the product within a short duration of a month. The product ranked at 4th number on Product Hunt.
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SKILLS

Tech & Tools: C, C++, Python, Java, Kotlin, HTML, CSS/SCSS, Javascript, Typescript, React JS, Node JS, Next JS, Tailwind CSS, MongoDB, C#, ASP.NET, SQL, Rest & GraphQL APIs, Artificial Intelligence, Machine Learning, Linux, GitHub, Android Studio.

Technical Skills: Object-Oriented Programming, Clean Architectures, Data Structures, Algorithms Design & Analysis, Problem Solving, Multithreading. Worked with UML diagrams and software design patterns. Familiar with software development process models including Agile Scrums, DevOps, and Kanban.

PROJECTS AND LEADERSHIP

Revu.fun - An Anonymous Peer Review Platform

June 2023 - Present

- Developed and launched revu.fun, a website where students can anonymously review their peers.
- Successfully onboarded approximately 600 users within the first 3-4 days - NextJS, Typescript, Prisma, Tailwind CSS.

Sail - A Community Driven Wholesale Platform

April 2022 - June 2022

- Build an e-commerce app that allows users to buy products at cheaper rates than the market by collaboratively placing orders.
- Worked with clean architectures and test-driven development - Kotlin, Android Studio, Firebase, React, SQL, ORMs.

Informative GPA Calculator

June 2021 - July 2021

- Design, develop, and deploy an interactive GPA calculator for a USA-based company - Memory Maps, Inc.
- Worked on frontend, backend, image manipulation, and generative art libraries - React JS, Node JS, Firebase, Cloud.

Workarr - A Freelancing Platform

Jan 2021 - June 2021

- Build an online freelancing marketplace for Pakistani individuals to provide their services online across the country.
 - Worked with a team of 3 individuals and got an appreciation from the course instructor - ASP.NET, C#, SQL, Javascript.
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EXTRACURRICULARS

Head of Graphic Designing Team and Assistant Media Coordinator @ IEEE FAST-NUCES, Lahore.

Member of Web Development Team @ Softec FAST-NUCES, Lahore.