Hamza Ahmad Bhutta

Date of birth: 02/04/1999 | **Nationality:** Pakistani | **Gender:** Male | **Phone number:** (+92) 3111208388 (Mobile) |

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ABOUT ME

Software engineer with expertise in React.js, Node.js, and modern database technologies. Skilled in designing scalable web applications, building responsive interfaces, and solving complex technical challenges. Committed to advancing knowledge in software engineering and contributing to innovative solutions in cloud-based and distributed systems.

EDUCATION AND TRAINING

2018 – 2023 Faisalabad, Pakistan
BACHELOR OF SCIENCE IN COMPUTER SCIENCE National University of Computer and Emerging Sciences (FAST NU)

Relevant Coursework

-Artificial Intelligence & Data Science: Artificial Intelligence, Deep Learning for Perception, Data Science

-Software Engineering & Development: Software Engineering, Software Design and Analysis, Requirement Engineering

-Cloud and Distributed Systems: Database Systems, Computer Networks, Parallel and Distributed Computing

-Programming Foundations: Object-Oriented Programming, Data Structures

-Mathematics & Algorithms: Design and Analysis of Algorithms, Linear Algebra, Numerical Computing

Website https://www.nu.edu.pk/ | **Field of study** Information and Communication Technologies | **Level in EQF** EQF level 6 |

Thesis Optimizing Scalable Web Applications through Advanced Software Design and Cloud Integration

2016 – 2018 Burewala, Pakistan
PRE-ENGINEERING (INTERMEDIATE) Punjab Colleges

Website https://pgc.edu/ | **Level in EQF** EQF level 4

WORK EXPERIENCE

07/2024 – CURRENT Lahore, Pakistan
JUNIOR FRONTEND DEVELOPER TOPDOT

-Resolved frontend-related issues to ensure a seamless and consistent user experience across multiple platforms.

-Designed and implemented responsive UI components with cross-browser compatibility, enhancing accessibility and functionality.

-Worked extensively with **HTML**, **CSS**, **JavaScript**, **React**, **Bootstrap 5**, **Tailwind CSS**, and **GSAP**, applying modern frontend technologies to build user-friendly interfaces.

-Optimized UI rendering performance, resulting in a **71% improvement in speed** across various devices.

-Developed interactive UI elements and complex animations using **JavaScript** and the **GSAP animation library**, improving user engagement and interface appeal.

04/2023 – 10/2024 Islamabad, Pakistan
ASSOCIATE SOFTWARE ENGINEER ABSOLUIT

-Resolved complex application issues to improve reliability and enhance the user experience through effective troubleshooting and debugging.

-Designed and developed responsive UI components, ensuring seamless functionality across multiple browsers and platforms.

-Integrated RESTful APIs to enable dynamic content management and interactive features in web applications.

-Built and maintained scalable web applications using **React.js**, **Node.js**, and **MongoDB**, gaining practical experience with modern frameworks and databases for distributed systems.

LANGUAGE SKILLS

Mother tongue(s):   **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	B2	B2	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Git, Docker, VS Code, PyCharm, Linux system monitoring with Bash and Python | Node.js, Express.js, MongoDB, SQL

Programming

C++, JavaScript, Python, Assembly Language, Bash scripting

Frontend Development

React.js, HTML, CSS, JavaScript, Bootstrap 5, Tailwind CSS, GSAP animation library

Software Design & Analysis

Debugging, refactoring code, performance optimization, system design principles

Other Skills

Technical writing, creative visualization (presentations), team collaboration, and self-learning

PROJECTS

Shop Recovery - Medical E-commerce Platform

-Created a responsive e-commerce platform tailored for doctors, focusing on medical product sales. Utilized **TailwindCSS** for an intuitive and efficient UI. Added interactive features using **JavaScript** and **jQuery**, ensuring a smooth user journey. Prioritized fast performance, accessibility, and user-centric design.

Web Based Document Management System

-Developed a secure, scalable web application for managing corporate documents, utilizing React and Node.js for real time data handling and user collaboration.

Popscape - Art E-commerce Platform

-Developed a responsive e-commerce platform for two artists to sell their art-inspired merchandise, including shirts and other goods. Built with **TailwindCSS** for modern design and responsiveness. Integrated **JavaScript** and **jQuery** for cart functionality and dynamic content. Enhanced user experience with creative animations powered by **GSAP** and optimized the platform for fast loading and seamless navigation.

DAG Architecture Firm Website

-Designed a sleek and professional website for DAG Architecture using **Bootstrap 5** for a clean, responsive layout. Enhanced interactivity with **JavaScript** and **jQuery**, and added subtle animations with **GSAP**. Focused on performance optimization, cross-browser compatibility, and a user-friendly experience.

Bachelor's Thesis: "Optimizing Scalable Web Applications through Advanced Software Design and Cloud Integration"

-Conducted a study on the development and optimization of scalable web applications by integrating cloud computing solutions and applying software engineering principles. Focused on improving performance, scalability, and security in distributed systems using technologies such as React.js, Node.js, and MongoDB. Implemented efficient data handling and deployment strategies tailored for modern cloud environments to address the challenges of emerging software technologies

ACHIEVEMENTS

04/2021
First place in Operating System Project

2022
Runner up for DEF CON 27 [Gam3z .Inc.] Game Hacking online Contest

CERTIFICATES

26/10/2023
Meta Certified in Advance React Development

Link https://www.coursera.org/account/accomplishments/verify/QC73X86DWCRK

10/04/2024
DevOps Essentials

Link https://www.credly.com/badges/41de71d0-506d-4fc4-98b8-3d72b7d4fd44/linked_in_profile

01/08/2023 – 26/10/2023
Certified in Frontend Development Libraries

Link https://www.freecodecamp.org/certification/fcc36860a3c-366f-4e05-8655-9eeeba048998/front-end-development-libraries