

Hasham Raza

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As a motivated and enthusiastic recent graduate with a degree in Software Engineering from Comsats University Islamabad, Sahiwal Campus, and iOS development to contribute to dynamic and innovative projects. My academic background, combined with hands-on experience through internships and personal projects, has equipped me with a solid understanding of both front-end and back-end technologies, as well as mobile app development.

Experience

2024-present

Angular Development Intern | Quanta Byte | Rawalpindi, Punjab, Pakistan
(remote)

During my internship at Quanta Byte, I gained valuable hands-on experience in both web and mobile application development, with a focus on **Angular**. I collaborated with a team of developers and engineers on various projects, honing my skills in full-stack development and Angular-based application development.

Key Responsibilities:

- **Angular Development:**
Contributed to the design, development, and maintenance of dynamic web applications using Angular. Implemented responsive user interfaces and reusable components to ensure smooth performance and a seamless user experience.
- **Front-End Development:**
Developed and optimized UI components using **HTML**, **CSS**, and **TypeScript** in an Angular environment. Worked on integrating RESTful APIs to enhance functionality and streamline data flow between the front-end and back-end systems.
- **API Integration:**
Worked on building and consuming **RESTful APIs** to connect the front-end with the back end, ensuring efficient communication and data transfer within the application.
- **Version Control:**
Used **Git** and **GitHub** for version control, collaborating with the team to manage code changes and track progress effectively. Ensured that all code followed best practices and industry standards.
- **Bug Fixing and Testing:**
Debugged and tested web applications to identify and resolve issues in Angular components and services. Participated in code reviews and unit testing to maintain high-quality code.
- **Responsive Design:**
Focused on developing responsive layouts using **Bootstrap** and CSS to ensure optimal user experience across different devices and screen sizes.

Key Achievements:

- **Project Contribution:**
Successfully contributed to a major project by implementing critical Angular components, which helped the team meet the company's goals and project deadlines.
- **Angular Proficiency:**
Improved proficiency in Angular, TypeScript, and front-end development, gaining experience in building scalable and maintainable web applications.
- **Team Collaboration:**
Effectively collaborated with the development team, enhancing communication and teamwork skills while solving complex technical challenges.

2024-present

UI/UX Design Intern | 2nd place | Lahore, Punjab, Pakistan

During my internship at Quanta Byte, I gained hands-on experience in **UI/UX design**, working closely with developers and engineers to create intuitive and visually appealing user interfaces for both web and mobile applications. This role allowed me to deepen my skills in user-centered design and improve my technical understanding of front-end development.

Key Responsibilities:

- **User Interface Design:**
Designed user-friendly and visually compelling interfaces for web and mobile applications using **Figma** and **Adobe XD**. Ensured that designs followed a consistent visual language while catering to the needs of the target audience.
- **User Experience Research:**
Conducted user research and usability testing to gather insights and feedback on product interfaces. Utilized the data to improve user interaction, leading to better functionality and satisfaction.
- **Wireframing & Prototyping:**
Developed low-fidelity wireframes and interactive prototypes to communicate design concepts. Collaborated with stakeholders to refine and iterate designs before final implementation.
- **Responsive Design:**
Created responsive layouts to ensure a seamless user experience across various devices, including desktop, tablet, and mobile. Integrated industry-standard tools and frameworks such as **Bootstrap** to support responsive design.
- **Collaboration with Developers:**
Worked closely with front-end developers to ensure the accurate implementation of designs. Provided guidance on best practices for UI/UX, focusing on accessibility, ease of use, and functionality.
- **Design System Development:**
Contributed to the creation and maintenance of design systems and style guides to ensure consistency in design across all projects.

Key Achievements:

- **Improved Usability:**
Successfully designed and implemented a UI revamp for a key project, improving user interaction and overall product usability, leading to positive feedback from users and stakeholders.
- **Team Collaboration:**
Collaborated effectively with cross-functional teams, including developers and project managers, to deliver high-quality design solutions on time.

- **UI/UX Skills Development:**

Gained proficiency in design tools like **Figma**, **Adobe XD**, and **Sketch**, along with practical experience in user research, wireframing, and usability testing.

2022– 2023

Internee || Quantum Solution Hub || Sahiwal, Punjab, Pakistan

During my internship at Quantum Solution Hub, I gained valuable hands-on experience in both web and mobile application development. I collaborated with a team of developers and engineers on various projects, which honed my skills in full stack development and iOS app development.

Key Responsibilities:

Full Stack Development:

Contributed to the design, development, and maintenance of web applications using technologies such as HTML, CSS, JavaScript, React.js, Node.js, and Express.js. Assisted in building RESTful APIs and integrating them with front-end components.

iOS Development:

Assisted in the development of iOS applications using Swift and Xcode. Participated in designing user interfaces with UIKit and SwiftUI and implemented features such as user authentication and data storage.

Database Management:

Worked with MySQL and MongoDB to design and manage databases. Involved in creating and optimizing queries to ensure efficient data retrieval and storage.

Version Control:

Utilized Git for version control, collaborating with the team through GitHub to manage codebase changes and track project progress.

Bug Fixing and Testing:

Engaged in debugging and testing both web and mobile applications to identify and resolve issues. Conducted unit tests and participated in code reviews to ensure high-quality deliverables.

Documentation and Reporting:

Documented development processes and maintained clear communication with team members regarding project updates and technical challenges.

Key Achievements:

Project Contribution:

Successfully contributed to project Collaboration, leading to Gain the outcome Which Compony was expecting

Skill Enhancement:

Developed proficiency in both front-end and back-end technologies, as well as gained practical experience in mobile app development.

Team Collaboration:

Worked effectively within a team environment, enhancing my ability to communicate technical concepts and collaborate on complex problems.

This internship provided me with a comprehensive understanding of the software development lifecycle and significantly enhanced my technical skills. I am eager to apply this experience and continue growing as a full stack and iOS developer.

AUGUST 2023 – JULY 2024

Full Stack Developer | Remote job at Builders Aid Sydney | Sydney, Australia

As a Full Stack Developer at Builders Aid, I have been responsible for designing, developing, and maintaining a range of web applications and services. My role involves collaborating with cross-functional teams to deliver high-quality software solutions tailored to the needs of the construction and real estate industries.

Key Responsibilities:

Front-End Development:

Developed responsive and user-friendly interfaces using HTML, CSS, and JavaScript. Utilized React.js to build dynamic web components and enhance user interactions.

-Back-End Development:

Implemented server-side logic and RESTful APIs using Node.js and Express.js. Integrated back-end services with front-end applications to ensure seamless data flow and functionality.

Database Management:

Designed and maintained relational databases using MySQL and NoSQL databases like MongoDB. Optimized database queries for performance and reliability.

Integration and Testing:

Integrated third-party services and APIs, including payment gateways and mapping services. Conducted unit and integration testing to ensure software reliability and performance.

Deployment and Maintenance:

Managed deployment processes using Docker and CI/CD pipelines. Provided ongoing support and maintenance to address bugs, performance issues, and feature requests.

Project Collaboration:

Worked closely with project managers, designers, and other developers to gather requirements, plan features, and ensure timely delivery of projects. Participated in Agile/Scrum meetings to track progress and resolve challenges.

Key Achievements:

Project Delivery:

Successfully delivered their website: **BuildersaidSydney.Com.au** At the specified time and then maintained and handled their website for 1 Year

Innovation:

Implemented Ai generated Price Checker as it was costumer care website and offers online quotation, so this was so helpful.

Team Contribution:

Played a pivotal role in mentoring junior developers and conducting code reviews, contributing to overall team productivity and code quality.

This role has provided me with extensive experience in full stack development, allowing me to contribute to impactful projects and continuously improve my technical skills. I am committed to leveraging this experience to drive innovative solutions and achieve excellence in future endeavours.

Skills

SwiftUI • Swift • HTML • CSS • React.js • PHP • MongoDB • UI/UX

Education

JANUARY 2025 Bachelor of software Engineering | Comsats University, Islamabad | Sahiwal, Punjab, Pakistan

2.7 GPA • Member of GDSC

Certifications

- **Full Stack Web Development Bootcamp** – Udemy:

Comprehensive course covering modern web development technologies, including React.js, Node.js, and database management.

- **The Complete iOS App Development Bootcamp** – Udemy:

In-depth training on iOS development with Swift and Xcode, focusing on building fully functional iOS applications.

- **Docker Mastery: with Kubernetes + Swarm from a Docker Captain** – Udemy:

Advanced Docker and containerization techniques, including orchestration with Kubernetes and Docker Swarm.

Projects

Cab Booking website

Developed a website of Cab-Booking Which was Developed using HTML, CSS, JavaScript, PHP, MySQL and some python as it was Ai Integrated Website which can calculate your fare as your choices and conditions by selecting you pick and drop Point. It was final Year Project.

Project Overview:

The Cab Booking Website is a comprehensive web application designed to facilitate easy and efficient cab bookings. Developed as my final year project, this platform allows users to book rides, track their cab in real-time, and manage bookings through an intuitive interface. The project combines front-end and back-end technologies to deliver a seamless user experience.

Key Features:

- **User Registration and Login:** Secure user accounts with authentication and profile management.
- **Cab Booking System:** Allows users to book rides, choose pick-up and drop-off locations, and select vehicle types.
- **Real-Time Tracking:** Integrated Google Maps API for tracking the cab's location in real-time.
- **Booking Management:** Users can view, cancel, and modify their bookings.
- **Admin Dashboard:** For managing cab availability, user accounts, and booking history.

Technologies Used:

- **Front-End:** HTML, CSS, JavaScript, and React.js for a responsive and interactive user interface.
- **Back-End:** Node.js and Express.js for server-side logic and API management.
- **Database:** MongoDB for storing user and booking data.
- **APIs:** Google Maps API for real-time cab tracking and location services.
- **Deployment:** Deployed on [e.g., AWS, Heroku] for scalable access and management.

Development Highlights:

- Designed and implemented a user-friendly interface with a focus on usability and accessibility.
- Developed a robust back-end system to handle user requests, bookings, and real-time tracking.
- Created an admin dashboard for efficient management and oversight of the booking system.

This project showcases my ability to develop full-featured web applications, combining modern front-end and backend technologies to deliver a functional and user-friendly cab booking platform.

Weather App

Developed a Weather App which is a user-friendly mobile application designed to provide real-time weather information based on the user's location. Built with Xcode using Swift and UIKit, the app allows users to check current weather conditions, view hourly and daily forecasts, and access detailed weather data in a visually appealing interface.

Project Overview:

The Weather App is a user-friendly mobile application designed to provide real-time weather information based on the user's location. Built with Xcode using Swift and UIKit, the app allows users to check current weather conditions, view hourly and daily forecasts, and access detailed weather data in a visually appealing interface.

Key Features:

- **Current Weather:** Displays real-time temperature, weather conditions, humidity, and wind speed for the user's current location.
- **Forecast:** Provides hourly and daily weather forecasts, including temperature trends, precipitation chances, and weather icons.
- **Location Services:** Utilizes Core Location to detect the user's current location and fetch relevant weather data.
- **Search Functionality:** Allows users to search for weather information in different cities by entering city names or zip codes.
- **User Interface:** Designed with a clean and intuitive layout using UIKit, featuring dynamic weather icons and animated transitions for an engaging user experience.

Technologies Used:

- **Swift:** The primary programming language for developing the app's functionality.
- **Xcode:** The integrated development environment (IDE) used for building and testing the app.
- **UIKit:** Framework used for designing the app's user interface and handling user interactions.
- **Core Location:** Framework used to obtain the user's geographical location.
- **OpenWeatherMap API:** External weather data API integrated to fetch real-time weather information and forecasts.

Development Highlights:

- Implemented custom weather icons and animations to enhance user engagement.
- Optimized network requests and data parsing to ensure smooth performance and accurate data retrieval.
- Designed an intuitive UI/UX with a focus on accessibility and responsiveness across different device sizes.

This project showcases my ability to develop functional and visually appealing iOS applications using Xcode and Swift, with a strong focus on integrating external APIs and delivering a seamless user experience. **GitHub**

Respository: https://github.com/Hashamraza-creator/weather_App

Card War Game

A simple iOS card game where players draw cards to compare values and win rounds. Developed using Swift and Xcode for an engaging and intuitive user experience.

Project Overview:

Card War is a simple, engaging card game where players compete to win cards by drawing higher-value cards from their decks. Built with Swift and Xcode, the app features a straightforward UI that allows players to easily understand and enjoy the game.

Key Features:

- **Basic Gameplay:** Players draw cards and compare values to win rounds.
- **Score Tracking:** Keeps track of each player's wins and losses.

- **User Interface:** Clean and intuitive design using UIKit for smooth gameplay experience.

Technologies Used:

- **Swift:** Programming language for app development.
- **Xcode:** IDE used for building and testing the app.

This project highlights my ability to create simple yet functional games for iOS with an emphasis on userfriendly design.

GitHub Repository: <https://github.com/Hashamraza-creator/war-card-game-IOS->

Buzz Talk

Buzz Talk is a sophisticated messaging app developed using Swift in Xcode, designed to offer an intuitive and efficient communication experience with a focus on user customization and interaction.

Buzz Talk provides:

- **Intuitive Messaging Interface:** An engaging and user-friendly interface that enhances the messaging experience with smooth and responsive interactions.
- **Customizable Features:** Options for users to personalize their messaging environment, including customizable themes, notification settings, and chat backgrounds.
- **Real-Time Messaging:** Seamless and real-time communication capabilities ensuring that users receive and send messages instantly.
- **Audio and Video Calls:** Integrated functionality for high-quality audio and video calls, allowing users to communicate effectively beyond text.
- **Emojis and Media Sharing:** Support for a wide range of emojis and media sharing options, including images, videos, and files, to enrich conversations.
- **User Management:** Features to handle user accounts, including registration, login, and profile management.
- **Secure Messaging:** Implementation of secure communication protocols to protect user data and privacy.
- **User-Friendly Design:** Built with Swift and Xcode, focusing on a clean and modern design that facilitates easy navigation and usability.

Technologies Used:

- **Swift:** Programming language for app development, providing robust and efficient coding solutions.

- **Xcode:** IDE used for developing, testing, and debugging the app, ensuring high performance and stability.

GitHub Repository: it is Under Testing will be updated Soon

My Portfolio Website

I have developed an extensive portfolio website designed to effectively showcase their skills, projects, and professional experience. This portfolio serves as a central hub for presenting their work and achievements in web and app development, reflecting their proficiency in creating engaging and functional digital solutions.

Portfolio Website

My Portfolio Website offers a detailed and comprehensive view of their professional journey. It is meticulously crafted using:

- **HTML:** Utilized to create a solid foundation for the website's structure. HTML elements are strategically organized to present content in a logical and accessible manner, ensuring that visitors can easily navigate through different sections.
- **CSS:** Applied to enhance the visual design of the website. Custom styling is used to create a modern, aesthetically pleasing look that aligns with current web design trends. CSS animations and transitions add dynamic elements to improve the user experience.
- **JavaScript:** Employed to introduce interactive features and dynamic functionality. JavaScript is used to enhance user engagement with elements such as interactive project sliders, contact forms, and real-time updates.

Key Features:

- **Project Showcases:** Each project is presented with a detailed description, including objectives, challenges, and outcomes. Technologies used are listed, along with screenshots or demo videos to provide a clear understanding of the work. Links to GitHub repositories or live demos are included for further exploration.
- **Skills Overview:** A dedicated section highlighting my technical skills and expertise. This includes programming languages, tools, and frameworks. Practical examples and case studies illustrate how these skills have been applied in real-world projects.
- **Professional Experience:** An overview of academic background, internships, and job experiences. This section provides insights into my career progression, and the skills gained through various roles.
- **Contact Information:** Provides various methods for getting in touch, including a contact form for direct inquiries, email address, and links to professional social media profiles.
- **User-Friendly Navigation:** Designed with an intuitive navigation system that allows visitors to easily access different sections of the portfolio. The layout is responsive, ensuring an optimal viewing experience across various devices and screen sizes.
- **Personal Branding:** The website reflects my personal brand, incorporating elements that showcase their unique style and approach to web design.

The portfolio website not only highlights my technical skills and project experience but also demonstrates their ability to create a cohesive and engaging online presence.

- **Portfolio Website:** <http://hashamraza.infinityfreeapp.com/>
- **GitHub Repository:** <https://github.com/Hashamraza-creator/My-Portfolio->

This project showcases my dedication to creating high-quality digital solutions and their commitment to presenting their work in a professional and accessible manner.

Activities

Literature • Environmental conservation • Art • Book Reading • Skiing • Travel • Creator

Additional Skills

Type 96 words per minute • Proficient with project management software • Team player • Excellent time management skills • Conflict management • Public speaking • Data analytics • Strong problem-solving and analytical skills • Ability to work collaboratively in a team environment • Eagerness to learn and adapt to new technologies and methodologies.