

HAMZA FAROOQ

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[GitHub](#) — hamzaf.com — [LinkedIn](#)

EDUCATION

Bahria University, Islamabad Campus

Fall 2021 – 2025

Bachelor of Science in Computer Science

Islamabad, Pakistan

Relevant Coursework: Data Structures & Algorithms, OOP, Database Systems, OS, Software Engineering

TECHNICAL SKILLS

CS Fundamentals	Data Structures & Algorithms, OOP, Software Design Patterns, SOLID Principles
Languages	JavaScript, Python, Typescript, React, Next, SQL, C++, HTML, CSS
Backend & API	RESTful API Design & Integration, Node.js, Express.js, PostgreSQL, SQL Server
Databases	PostgreSQL, MongoDB, Supabase, Neon, Schema design, queries, migrations
Frontend	React, Next, Tailwind CSS, ShadCN UI, Redux Toolkit, Zustand, Context API
Tools & Methods	Git, Docker, Agile/Scrum, Code Reviews, CI/CD, ZOD, Figma

PROFESSIONAL EXPERIENCE

Momentum Labs

Apr 2025 – Present

Frontend Developer

San Diego, USA (Remote)

- Built reusable React and Tailwind **UI component library** for internal CRM tools, accelerating feature development across AI SaaS products.
- Integrated RESTful APIs to dynamically populate components and **optimized rendering performance**, reducing load times and improving overall responsiveness.
- Engineered a pixel-perfect marketing landing page **achieving perfect Lighthouse scores** across performance, accessibility, and SEO, **cutting user drop-off rates from 24% to 14%**.

Codify

Sep 2025 – Nov 2025

Full Stack Developer Intern

Rawalpindi, Pakistan (On-site)

- Developed a full-stack data-driven dashboard by integrating APIs and implementing responsive design with skeleton loaders, enhancing overall user experience.
- Collaborated with the team lead to build a responsive medical dashboard for a Saudi-based client, delivering a client-ready product with cross-device compatibility.

PROJECTS

Zephira (Live) — Engineered a production-grade weather dashboard leveraging OpenWeather API with end-to-end type safety via TypeScript and ZOD schema validation, alongside TanStack Query for optimized server-state management, caching, and background synchronization. Implemented skeleton loaders for a seamless perceived performance experience, styled with TailwindCSS for a fully responsive, modern UI.

Syncode FYP (Live) — Architected an interactive C++ e-learning platform powered by a custom-built algorithm leveraging advanced data structures and software design patterns to achieve a 95% reduction in file size versus traditional screen recording — demonstrating strong algorithmic thinking and performance-driven software design. Accelerated delivery through AI-assisted development workflows ensuring scalable, maintainable architecture.

Wild Oasis (GitHub) (In Development) A full-stack hotel management platform built with **Supabase** and **React.js**.