

Syed Sibt-e-Ali Baqar

Software Engineer

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Education

National University of Sciences and Technology (NUST)

Bachelor of Computer Engineering | 3.15 GPA | 2023

- Awarded Merit Certificates for winning Icreate-21, PIEAS and [FICS - Finding Innovative & Creative Solutions - NUST](#)
- Received a Certificate of Participation and Top 10 Startups award in I-Create 21, PIEAS.

Professional Experience

Lead Engineer | Hill Country Coders

September 2024 - Present

- Architected and developed Monorepo Multi Tenant Task Management Platform for managing Internal teams, External and Internal Projects and Clients.
- Improved entire company's efficiency by almost 10 to 12 % by transferring from Excel based task management to a semi automated platform in under 6 months.
- Improved team efficiency up-to 30% by introducing CI/CD pipelines, testing frameworks and well articulated application of development patterns in different code bases.
- Developed a low cost Real-Time chat application for internal communications within tools like WhatsNextPlease for improving team communications.
- Improved DevOps practices by introducing AWS based deployments, CI/CD pipelines and AWS Content Development Kit (CDK) to improve overall codebase security, reliability and resilience.

Software Engineer | Ensemble UI

April 2023 – September 2024

- Spearheaded the development and launch of three mobile applications for Swoop Inc. within four months.
- Reduced development costs by 5x and time by 40% for Swoop Inc mobile app development.
- Enhanced Ensemble UI's documentation by integrating searchable examples, leading to a 50% reduction in customer and developer queries and a 10% boost in team productivity.
- Developed key widgets for Ensemble-React, facilitating the adoption of the platform by Atlas Health for their V2 MVP.

- Created reusable scripts and components for Atlas Navigator UI, enhancing team productivity by 5%.
- Increased user traffic and client acquisition by 30% through the implementation of animations, design enhancements for Ensemble marketing website.

Associate Software Engineer | HxLabs

June 2022 - May 2023

- Played a pivotal role in the successful Alpha-Testing rollout of a Blockchain-based Social Media Web App, incorporating user feedback into over five feature enhancements.
- Boosted user engagement by 5% by designing and implementing real-time notifications, post creation, and reply features using React and GraphQL.
- Increased team productivity by 30% through the creation and implementation of a standardized design system.

Technical Lead | Gul-e-Shaor

August 2021 - February 2023

- Led the team to secure a spot in the Top 10 Startups at I-Create-21, PIEAS, and achieved Runner-Up at FICS-2022, NUST.
- Secured incubation at the National Incubation Centre Peshawar in 2022.

Side Projects and Open Source

Zen

- Active contributor in [Zen](#) Browser . A modern and minimalistic wrapper around Firefox.

Huffman Compressor | 2024

- A lossless file compression tool implementing Huffman coding from scratch in Go. Built to learn data structures, algorithms, and systems programming through hands-on practice. Features streaming I/O, custom priority queue with generics, and comprehensive testing.

Wafa

- A progressive web application for keeping promises, sends push notifications using recurring github action jobs and in app notifications, support partial offline mode. Made for sole purpose for exploring PWAs

VxTraders

- A telegram based web application application for learning and training trading, it was a side venture where I learned integrating storybook for designing components for our system.

Technical Skills

Languages: JavaScript, TypeScript, Go, Python. MySQL, PostgreSQL, MongoDB

Frameworks: ReactJs, Node.js, NextJs, J, Nestjs, Jest, Vitest, AWS, Aws CDK. Unit and Integration Testing, React Testing Library, Storybook

Design: UI/UX, Figma, Claude Code, Cursor, Copilot