

Bilal Waheed

Full-Stack Engineer

Results-oriented software engineer with nearly two years of proven expertise in full-stack web development and specialized focus in blockchain technology. Contributed to the frontend and backend development of multiple blockchain products through collaborative efforts with cross-functional engineering teams.

Islamabad, Pakistan

+92 317 5580636

bilalwaheed099@hotmail.com

[LinkedIn](#)

[Github](#)

bilalwaheed.xyz

Professional Experience

Tintash, Pakistan July 2022 - Present

Software Engineer (Fullstack / Blockchain)

- Worked on fullstack products on Stacks blockchain to implement new features, test and document existing code.
- Collaborated with the team members to rewrite a Node server, created with Javascript and MySQL, in Typescript using TypeORM, to make the codebase more maintainable and extensible.
- Wrote unit and integration test cases for three codebases using Jest with a statement coverage of ~90%, resulting in reduced bugs in production.
- Wrote multiple Google Sheet scripts to read the database daily and create graphs for daily and weekly data, and send out an email to the client, detailing the categorized data, if the number of transactions exceeds a certain threshold.
- Integrated Voucherify to generate redeem codes for a promotional campaign. Developed and tested a complete website flow for users to use their redeem codes in the existing system.

AlphaSquad, Islamabad July 2021 - September 2021

Frontend Developer (Intern)

- Developed a figma plugin that converted designs to HTML + Tailwind CSS code, according to Stakeholders requirements.
- Developed a recursive algorithm to accurately read figma files and generate HTML tags.
- Tested the plugin with Figma files regularly to evaluate the progress.

Selected Projects

The Lounge

A platform where users can register, create lobbies and play the traditional four-player card game of court piece with friends online, with a group chat. Built using Node and MongoDB for server and Next.js for frontend and socket.io for real-time game updates.

Wordcod (Discord clone)

A discord clone developed using Next 13, TailwindCSS and Prisma. Allows users to create and join text, audio and video channels and communicate with other users.

Education

SEECS, NUST - Islamabad

B.E. Software Engineering 2018 - 2022

Graduated with a **3.73** CGPA.

Skills

Programming Languages

HTML, CSS, JavaScript, TypeScript, Python, PHP

Libraries & Frameworks

React, Next, Svelte, TailwindCSS, Framer-motion, ShadCN, Node, Express, Jest, TypeORM, Prisma, Stacks.js, Tensorflow, Keras

Tools & Platforms

MongoDB, MySQL, AWS, Git, Vercel, Firebase, Docker, Webpack, Figma

Courses & Certifications

AWS Certified Cloud Practitioner (CCP) - Nov 2022

McKinsey Forward Program - 2023

Deep Learning Specialization (deeplearning.ai)

Blockchain: Foundation and Use Cases (Coursera)

Interests

Chess, Sports, Reading