

Bilal Waheed

Full-stack Developer

bilalwaheed099@hotmail.com [Portfolio](#) [LinkedIn](#) [Github](#) +92 3175580636

Full-stack developer with two years of industrial experience and three years overall in developing robust APIs and building dynamic frontends. Proficient in Node.js, Express.js, React, and Next.js. Self-motivated and passionate about solving problems using the latest technologies.

SKILLS

Programming Languages: JavaScript, TypeScript, Python

Backend: Node.js, Express.js, PHP, MongoDB, MySQL, TypeORM, Prisma, Jest

Frontend: HTML, CSS, Next.js, React, Redux, Svelte, Tailwind CSS, Framer-motion

Tools & Platforms: AWS, Git, Docker, Vercel, Firebase, Webpack

PROFESSIONAL EXPERIENCE

Full-stack Developer, Tintash

Jul 2022 - Present

- Collaborated with the team to enhance the maintainability and extensibility of Node servers, built with JavaScript, through rewrites in TypeScript using TypeORM.
- Developed robust unit and integration test cases for two backend codebases using Jest, achieving a 95% statement coverage and significantly reducing production bugs.
- Automated database analysis by developing scripts to dynamically generate graphs, providing the client with concise summaries via automated emails when system transaction thresholds were exceeded, to streamline data visualization.
- Innovatively integrated Voucherify to generate redeem codes for a promotional campaign, seamlessly incorporating it into the existing system. Successfully developed and tested a user-centric website flow with a smooth experience for redeeming codes.
- Took charge of identifying and resolving production bugs in a Node.js server through root cause analysis. Rigorously tested and deployed fixes to production, with documentation to enhance project transparency.

Frontend Developer, AlphaSquad

Jul 2021 - Sep 2021

- Engineered a Figma plugin using JavaScript, capable of converting designs to HTML + Tailwind CSS code, according to Stakeholder requirements.
- Developed a recursive algorithm to read Figma files and output HTML tags with a 100% accuracy.
- Translated a Figma design to a fully responsive frontend website using React and Tailwind.

SELECTED PROJECTS

The Lounge

A platform where users can register, create lobbies and play the traditional four-player card game of court piece online with friends. Includes a built-in group chat. Developed using *Node.js* and *MongoDB* for server and *Next.js* for frontend. *Socket.io* powers real-time game updates and text messages.

Wordcod

A discord-like application developed using *Next.js*, *Tailwind CSS*, *ShadCN*. Allows users to create and join text, audio and video channels and communicate with other users. Next.js is used for API endpoints as well with *MySQL* and *Prisma*.

COURSES & CERTIFICATIONS

- AWS Certified Cloud Practitioner (CCP) - Nov 2022
- Node.js Essentials (LinkedIn)
- Databases for Node.js Developers (LinkedIn)
- Blockchain: Foundation and Use Cases (Consensys Academy)
- Deep Learning Specialization (deeplearning.ai)
- McKinsey Forward Program - 2023

EDUCATION

B.E. Software Engineering

2018 - 2022

SEECS, NUST - Islamabad Graduated with a 3.73 CGPA.