Ahsan Khalid

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SKILLS

Languages *Proficient* JavaScript(3yrs) · TypeScript(2yrs) · *Intermediate* C++(2yrs) · Python(1yrs) · *Beginner* SQL(1yrs) · PHP(1yrs)

Frameworks NextJs . ReactJS . NodeJs . ExpressJs . MongoDB . Tailwind . PostgreSql

Software AWS · GCP · Figma · Docker · Bootstrap · Git · Bash

EXPERIENCE

Associate Software Engineer — *October 2023 - Present*
Web Evolution — *Remote*
- Developed responsive AI solutions with React applications, boosting user engagement and increasing retention by 25%
- Implemented real time solutions like websockets with Node, streamlining data retrieval for improved site performance
- Developed Saas solution with React, NextJs, and MongoDB, improving quality and data management efficiency by 30%
- Developed new features in collaboration with cross-functional teams, enhancing user experience and interaction quality
- Optimized and refactored code, reducing load times by 15% and boosting site performance across multiple platforms..

Software Engineer — *August 2023 - Present*
Upwork - Freelance — *Remote*
- Developed custom web applications using React, Node.js, and Next.Js, improving client satisfaction and efficiency
- Implemented end-to-end AI LLM solutions for clients, building real time dashboards and integrating third-party services
- Developed real time features with WebSockets, optimizing the server-side and client-side code for seamless data flow

Software Engineering Intern — *May 2023 - September 2023*
Bytewise Limited — *Islamabad, PK*
- Developed 100+ user-facing features in NextJs and Node, reducing latency by 20% and improving overall optimization
- Developed and optimized REST API's with ReactJs and NextJs, enhancing dataset retrieval by 30% for 10k+ requests.
- Improved and optimized site performance by 25% for 1,000+ daily visitors through advanced Redux and Next.js SSR.
- Contributed to product improvements by implementing scalable web services in a cloud environment like (AWS, GCP).

PROJECTS

Llama OCR Extractor | *Next.Js, TypeScript, Llama-OCR LLM, Tailwind* - Live — *Sep 2024 - Oct 2024*
- Used Next.Js with Llama-OCR LLM to build a tool for extracting text from images and converting to Markdown.
- Created an end-to-end solution complete with text-to-speech and PDF export features, enhancing usability for 100+ users.
- Developed optimize solution to reduce OCR latency by 75% , improved and optimized with server-side rendering techniques.

Built your own HTTP Server | *JavaScript, Socket.io, Node.Js, Git* - GitHub — *Aug 2024 -Sep 2024*
- Used Node.js and Socket.io to build a custom HTTP server, improving file reading, updating and writing by 50%.
- Built buffer and streaming functionalities, led to boosting performance by 40% and improving multi-file efficiency
- Implemented Git version control and automation, ensuring project management and code integrity with ease.

SkillSync | *NextJs, NextUI, Tailwind CSS, MongoDB, GitHub REST APIs, Git* - Live — *Oct 2024 - Nov 2024*
- Used Next.js, Tailwind and MongoDB to build a profile aggregation tool for 200+ users to showcase achievements
- Developed dynamic and interactive UIs with NextUI and ShadCN, resulting in a 30% increase in user engagement.
- Integrated GitHub, Leetcode and REST APIs to optimize data retrieval and boost user interaction by 35%.

BlockchainCap | *NextJs, Node.Js, Tailwind, MongoDB, Web3.Js, UniSwap Cli* - Live — *July 2024 - Sep 2024*
- Used Next.js to build a Web 3.0 platform for 300+ users to access real-time crypto data and perform token swaps.
- Deployed an AI-driven Langchain chat-bot to boost user engagement by 40% and improved platform accessibility.
- Architected robust MongoDB solutions to ensure secure data storage and enhance efficient user management.

EDUCATION

Shaheed Zulfikar Ali Bhutto Institute of Science and Technology (Szabist Islamabad) — *Oct. 2020 – July 2024*
Bachelor of Science in Software Engineering

Activities

Microsoft Learn Student Ambassador - BETA - Planned and executed tech workshops and events. — *Aug 2023 - Sep 2024*

Membership-Coordinator MLSA Szabist Islamabad - Facilitated educational events for skills development — *Aug 2023 - june 2024*

OpenSource Contributor - HacktoberFest & GSSoC - Top 100 rank in Open Source events. — *July 2022 - Present*

AI Hackathon by MLH and Devpost - Transforming ideas into functional products under pressure. — *Sep 2023 - Present*