

AHMAD KHAN

Software Engineer

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OBJECTIVE

Software Engineer with full-stack development experience. Skilled at building scalable, user-friendly applications and delivering efficient solutions. Passionate about problem-solving, learning new technologies, and continuous growth.

EXPERIENCE

Backend Developer

Hive Health Ltd

03/2024 - Present Islamabad, Pakistan

- Developed new REST APIs to support additional features.
- Migrated real-time communication (e.g. chat and notifications) from Socket.IO to WebSockets, improving performance across the app.
- Migrated the entire backend from raw SQL queries to TypeORM for improved maintainability and scalability.
- Integrated AI to analyze meals and extract nutritional content, including calories.
- Fixed bugs and optimized performance in existing codebase.
- Wrote comprehensive backend API integration tests using Chai/Mocha frameworks.
- Developed and deployed the showcase website for the **HiveHealth** app using Next.js.

Executive Node.JS developer

Switch communications

12/2022 - 01/2024 Islamabad, Pakistan

- Developed scalable, reusable Node.js backends and REST APIs using Node/Express for Value-Added Services (VAS), web, and mobile apps to ensure smooth user experience.
- Developed end-to-end VAS and provided support for existing services, addressing bugs, vulnerabilities, and anomalies.
- Collaborated with teams to develop tailored solutions using Node.js, React.js, MySQL, Linux, Apache Kafka, and Asterisk.
- Collaborated with teams to optimize performance, taking a leading role in conveying business-related issues to the core technical team.
- Utilized React.js, Node.js, and MySQL to develop web portals for internal services.

Nodejs Backend Internship

Switch communications

09/2022 - 12/2022 Islamabad, Pakistan

- Learned Asterisk and developed Node.js-based VoIP systems using Asterisk REST Interface (ARI) for telecom companies.
- Resolved codebase issues, optimizing performance and fixing existing solutions.
- Collaborated with cross-functional teams to enhance and scale VOIP applications.
- Learned and worked with Apache Kafka and Linux for deployment and all the servers configurations.

Front-End Developer

Freelance

11/2021 - 06/2022

- Worked on translating UI/UX designs from Figma and PSD into pixel-perfect, responsive HTML, CSS, Javascript code.
- Developed interactive and dynamic web applications with React.js for enhanced user experiences.
- Helped with backend integration and did some basic work using PHP.

EDUCATION

Bachelor's Degree in Software Engineering

Hazara university

09/2017 - 08/2021 Mansehra, Pakistan

GPA

3.45 / 4.0

LANGUAGES

English

Advanced

Urdu

Proficient

Pushto

Native

KEY ACHIEVEMENTS

IVR Applications Development

Collaborated on building IVR (Interactive Voice Response) applications for telecom providers Jazz/Ufone, allowing users to access services through shortcodes.

Web Portal for Internal VAS Services

Created a portal to broadcast ad messages and advertise products via IVR phone calls to millions of users

Backend Automation

Developed backend modules for automating servers report generation operations

Contributed to integrating an AI-powered calorie counter feature into the HiveHealth mobile app.

Contributed to an AI-powered calorie counter with meal logging (photo/manual) and personalized targets based on fitness goals.

TECHNICAL SKILLS

HTML/CSS	SASS/Tailwind	Javascript	
NodeJs	ReactJs	NextJs	Express
MySQL	MongoDB	Redis	Kafka
MVC	React Router	Redux	REST
TypeORM	Asterisk Rest Interface		git
Virtual Machines		Linux	

TRAINING / COURSES

The Complete JavaScript Course - Udemy (2020)

Learnt basics to advanced concepts, syntax, DOM manipulation, async programming, OOP In js etc

React - The Complete Guide (incl. React Router & Redux) - Udemy (2021)

Learnt all aspects of React development, including advanced topics like React Router and Redux etc

NodeJS - The Complete Guide (MVC, REST APIs) - Udemy

Learnt Node.js: MVC, RESTful APIs, async techniques, package mgmt, and Express.js for server-side development

The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert - Udemy

Purpose: To gain in-depth MySQL knowledge.

INTERESTS

Technology Enthusiast

Passionate about technology and software development

Hobbies

Enjoys traveling, coding, and photography

Sports Interest

Enjoy following and playing football