



# Ahmad Khan

Software Engineer

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Highly motivated software engineer with expertise in both front-end and back-end web development, Passionate about continuous learning and exploring cutting-edge concepts. Proven track record of delivering high-quality solutions. Seeking opportunities to enhance expertise and contribute to impactful projects. Committed to staying abreast of industry trends and excelling in this dynamic field.

## WORK EXPERIENCE

### Executive Node.JS developer

#### Switch communications - Experience letter

12/2022 - 12/2023

<https://www.linkedin.com/company/switchcompk/>

##### Achievements/Tasks

- Build strong, scalable, and reusable Node.js backend systems and REST APIs using Node/Express for VAS services, web, and mobile apps to ensure smooth user experiences.
- Developed end-to-end Value-Added Services (VAS) and provided support for existing services, addressing bugs, vulnerabilities, and anomalies.
- Designed and implemented innovative solutions tailored to service requirements, collaborating with different teams and utilizing technologies like Node.js, React.js, MySQL, Linux, Apache Kafka, Asterisk, and Ari-client.
- Collaborate across teams to optimize performance, conveying business-related issues to the core technical team.
- Utilized React.js, Node.js, and MySQL to design and develop web portals for internal services.

### Nodejs Backend Internship

#### Switch communications

09/2022 - 12/2022

Street 6, I-9/2, Islamabad, Pakistan

<https://www.linkedin.com/company/switchcompk/>

##### Achievements/Tasks

- Learned Asterisk and developed Node.js-based VOIP systems using Asterisk Rest interface (ARI) for telecom firms
- Resolved codebase issues, optimizing performance and troubleshooting 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

##### Achievements/Tasks

- Worked on translating UI/UX designs from Figma and PSD into pixelperfect, responsive HTML/CSS/JS & Tailwind code.
- Developed interactive and dynamic web applications with Reactjs and redux for enhanced user experiences.

## EDUCATION

### Software Engineering - Bachelor's Degree

#### Hazara university, Mansehra, Pakistan

09/2017 - 08/2021

Mansehra, Pakistan

##### details

- Grade : CGPA : 3.45/4.0

## SKILLS

HTML/CSS/JS

Tailwind

SASS

React

Redux

Nodejs

Express

MongoDB

MySQL

Redis

VOIP

Apache Kafka

ARI

Linux

Git

## COURSES

### The Complete JavaScript Course - Udemy

- 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 integration etc.

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

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

### The Ultimate MySQL Bootcamp: SQL Beginner to Expert

## ACHIEVEMENTS

### - Developed IVR applications for Telco Gaint Jazz.

e.g. any jazz user can dial 503 shortcode triggers a corresponding IVR or dial 2234 to use the jazz smart-call service in Pakistan.

### - Developed web portal's for internal vas Services.

Purpose: Broadcast ad messages to subscribers & advertise products via IVR phone calls to millions of users. Simplified process via web UI for easy uploading of numbers and audio prompts to start broadcasting. Technologies used, Front-end (Reactjs), Backend Api's (Nodejs) with Mysql, kafka etc.

### - Backend modules to retrieve vm's data from servers.

Developed Node.js Module to automate server report gathering, compile the data into Excel sheets, and email them to the IT team daily.

### - Developed Rest Api's for mobile application Ersaal.

## LANGUAGES

English

Professional Working Proficiency

Urdu

Full Professional Proficiency

Pushto

Native or Bilingual Proficiency

## INTERESTS

Traveling

Coding

Football

Videography