

# Ahmed Khalil

Software Engineer | Islamabad, Pakistan

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Full Stack Developer with 2+ years of experience crafting and optimizing software solutions. Proven expertise in project initiation and maintenance. Passionate about innovation and eager to tackle new challenges in a dynamic team setting.

## Work Experience

### Numu World.

Islamabad, Pakistan

FullStack Software Engineer

June 2022 - Present

- Enhance the current system error reporting and monitoring by integrating Sentry.io.
- Implemented an invoice reminder job scheduler using Bull for efficient task management.
- Integrated chat seamlessly with Firebase Firestore, creating a robust communication platform.
- Developed a real-time notification system to keep users updated on critical events.
- Implemented an event-based WhatsApp notification mechanism for timely and personalized alerts.
- **Technologies:** ReactJs, NodeJs, MySql, PostgreSQL, Sentry, AWS, FireStore

### Bahria Town Pvt Ltd.

Islamabad, Pakistan

Junior Software Developer

Sep 2021 - June 2022

Developed and implemented an innovative Human Resource Automation Portal for Bahria Town, simplifying HR tasks and improving workflow efficiency. Contributed significantly to the development of a Design Wing Portal, making the design selection process for customers more transparent and efficient.

- **Technologies:** JavaScript, React.Js, Node.Js, MySQL, AWS EC2

## Skills

**Back-end** Node.js, Express, REST API

**Front-end** React.js, Next.js, React Native Expo

**Programming** JavaScript/TypeScript

**Databases** MongoDB, Postgres, Cloud Firestore, MySql, Firebase

**Testing** Unit Testing, E2E Testing, Sentry

**Serverless** S3, Ec2, Firebase Storage, Firebase Realtime Database, Google cloud functions

**Tools** Git, Bash, Jira, Asana, Airtabel

## Projects

### Smart Electricity Monitoring IoT:

#### National Innovation Award Winner - Jazz 5g hackathon Participant

Monitoring and Controlling Electricity usage in real-time through your mobile phone, powered by an IoT electricity meter, saving lives from hazards and reducing electricity usage cost (**Node.js, MySQL, Firebase RealtimeDb, Rest API, React.Js, React Native, Expo**)

## Certificates and Awards

National Innovation Award

June 2023

Google Project Management

June 2023

## Education

COMSATS University

Islamabad, Pakistan

BS Software Engineer

Feb 2017 - Aug 2021