

# FIROZ KHAN

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## PROFESSIONAL SUMMARY

Detail-oriented **Backend Developer** and BCA graduate (9.2/10.0 CGPA) with expertise in building scalable systems using **Java/Spring Boot** and **Node.js**. Proven track record in designing **RESTful APIs**, managing **PostgreSQL** databases, and implementing **Microservices** with Docker. Strong foundation in Object-Oriented Programming (OOP) and CI/CD workflows, seeking to contribute as a Java Developer at GoDigi InfoTech.

## TECHNICAL SKILLS

**Core Java & Backend:** Java (J2EE), Spring Boot, Spring MVC, Spring Security, Hibernate (ORM), REST APIs

**Architecture:** Microservices, Monolithic-to-Microservices transition, Design Patterns, Multithreading

**Databases & Cloud:** PostgreSQL, MySQL, MongoDB, AWS (EC2, S3, Lambda), Docker, Redis

**Tools & DevOps:** Maven, Git, Jenkins (CI/CD), JUnit, Mockito, Nginx, Red Hat Enterprise Linux

**Web Technologies:** JavaScript (ES6+), React.js, Tailwind CSS, JSON, Postman API

## PROFESSIONAL EXPERIENCE

### Backend Development Intern

Apr 2025 – Aug 2025

Tresveze & Co.

Remote

- Developed a School Management System using **Node.js** and **PostgreSQL**, handling admission and attendance modules.
- Architected a **containerized microservices** environment using **Docker**, improving deployment efficiency.
- Engineered secure REST APIs with JWT authentication and role-based access control.
- Optimized database schemas and query performance, ensuring high system availability.

### Frontend Development Intern

Jan 2024 – Mar 2024

Grass Solution Pvt Ltd

Kota, India

- Built responsive e-commerce interfaces using **React.js** and **Tailwind CSS**.
- Integrated backend **RESTful Web Services** for real-time data synchronization.
- Collaborated in an Agile environment to identify and resolve UI/UX bottlenecks.

## KEY PROJECTS

### QnA-Hub (Full-Stack Platform)

Spring Boot, React, Jenkins, AWS, PostgreSQL

- Developed a Stack Overflow clone using **Spring Boot** for backend services and **React** for the frontend.
- Automated the deployment lifecycle using **Jenkins CI/CD** pipelines and **Maven** build automation.
- Implemented complex business logic for voting systems and user reputation tracking.

### School Management System Backend

Node.js, PostgreSQL, Docker, JWT

- Designed and implemented a modular backend architecture for 6+ school administration modules.
- Achieved a 30% improvement in data retrieval speed through **PostgreSQL** query optimization.

## EDUCATION

### Career Point University

Kota, India

Bachelor of Computer Application (CGPA: 9.2/10.0)

Jan 2026

## CERTIFICATIONS

- AWS Services Fundamentals
- Postman API Student Expert
- Red Hat Enterprise Linux Fundamentals

- Advanced React.js Development
- SQL Mastery Certificate (Udemy)