

# Akash

## Backend Engineer

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### 🧩 SUMMARY

With more than 2 years of experience as a Backend Developer, I excel in backend engineering, focusing on implementing and optimizing robust systems. I prioritize security best practices in backend development and maintain a commitment to staying updated with emerging trends and technologies. I possess a deep understanding of both relational databases like PostgreSQL and non-relational databases such as MongoDB and Redis, adept in their design, optimization, and administration. My skills include implementing rigorous error handling and recovery strategies, and proficiently troubleshooting complex backend issues. I am well versed in backend testing frameworks and methodologies.

### 💼 PROFESSIONAL EXPERIENCE

**Wits Innovation Lab,**  
**Backend software Engineer** 🔗  
March 2023 – November 2024 | Mohali, India

**Novagems, Backend Developer** 🔗  
June 2022 – December 2022 | Mohali, India

**Coding Ninjas, Teaching Assistant**  
June 2021 – June 2022 | Remote

### 🎓 EDUCATION

**Bachelor of Technology in Computer Science,**  
**Guru Nanak Dev University** 🔗  
August 2016 – May 2020 | Amritsar, India

### 🧠 SKILLS

#### Backend

> Languages - Javascript, TypeScript  
> Frameworks - Node Js, Express Js,  
> Databases - MongoDB, PostgreSQL, Redis  
> DevOps - Nginx, Docker  
> Architecture - Microservices, Monolithic

### 📁 PROJECTS

#### PRMS(Project Management System) 🔗

I contributed to developing a Jira clone, focusing on the server side where I wrote robust and efficient code to support key functionalities and ensure smooth performance.

#### ONDC Ref-Logistics app 🔗

I contributed to writing server-side code for a reference logistics app based on the ONDC protocol. My role involved implementing the protocol's specifications to ensure smooth system integration, handling data efficiently, and building robust features that adhered to ONDC standards.

#### The WIL ONDC Shopify Adapter

I worked on a Shopify adapter designed to facilitate the smooth onboarding of Shopify sellers into the ONDC network. This involved writing scalable and robust server-side code to ensure seamless integration and functionality, enabling sellers to effectively connect their products to the ONDC platform.

#### Cloud File Storage & Streaming Platform 🔗

Built a cloud-based file storage and streaming app with secure upload/download, media playback, and Docker-based deployment on Railway.

### 🌐 LANGUAGES

ENGLISH : HINDI : PUNJABI