

# Piyush Singh

Backend Developer | Computer Science Undergraduate | Bennett University

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## Summary

Backend-focused Computer Science undergraduate with strong foundations in Node.js, Express, MongoDB, and cloud concepts. Actively building microservices-based systems and contributing to open-source projects.

## Skills

Node.js Express TypeScript MongoDB Redis Docker Kubernetes Nginx AWS Git Redis  
Azure n8n Github Actions Terraform

## Projects

### Microservices E-commerce Backend

2025

- Designed authentication, order, and product services using Express + TypeScript

### Personal Website

2025

- Fully managed containerized website with a working pipeline using TypeScript, Docker, Nginx, PostgreSQL, n8n, Github Actions

### Self-hosted music streaming service

2026

- Fully Self-hosted music streaming via ubuntu server. Along with media pipeline that automates song retrieval from YouTube Music into my library.

### Telecloud

2026

- Leverages your telegram account as personal cloud storage. Built with Node.js, Express, SQLite, Docker.

## Education

### **B.Tech in Computer Science & Engineering**

2023 – 2027

Bennett University, Greater Noida  
India

## Interests

Backend architecture, system design, open-source, cloud infrastructure