

# Akash Uddhav Sonar

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## Summary

Backend Developer with hands-on experience in engineering scalable, high-performance systems using Java and Spring Boot. Proficient in designing and implementing RESTful APIs and building complex applications, including a real-time Log Management & Analysis Platform. Strong foundation in Data Structures and Algorithms, demonstrated by a LeetCode rating of 1600 and consistent participation in coding contests. Passionate about learning new technologies like Docker and building efficient backend solutions.

## Projects

**Log Management and Analysis Platform**    GitHub | Live    *July 2025 – September 2025*

- Independently built a backend system for real-time log ingestion, processing, and analysis, handling high-volume data streams.
- Designed and implemented RESTful APIs in Spring Boot for data collection and querying of parsed logs.
- Integrated PostgreSQL full-text search (FTS) for log parsing, indexing, and advanced search functionality.
- Containerized the application with Docker to ensure scalable and consistent deployment.
- Tech Stack:** Java, Spring Boot, PostgreSQL, Docker, RESTful APIs

**FreeFlow – Peer-to-Peer Communication Platform**    GitHub | Live    *October 2024 – November 2024*

- Worked as part of a group project to build a peer-to-peer communication platform enabling real-time video, audio, and data sharing using WebRTC.
- Independently implemented the **signalling server (backend)** in Spring Boot and WebSockets to manage peer discovery and connection handshakes for WebRTC sessions.
- While the project was primarily frontend-focused, I contributed the backend component that enabled seamless peer-to-peer connectivity.
- Tech Stack:** Java, Spring Boot, WebRTC, WebSockets

## Technical Skills

**Languages:** Java, Javascript

**Problem Solving:** Data Structures and Algorithms

**Frontend Technologies:** HTML, CSS

**Backend Technologies:** Spring Boot, Express.js, Node.js, RESTful APIs, WebSockets

**Databases:** MySQL, PostgreSQL, MongoDB

**Developer Tools:** Docker, GitHub

## Education

**Deogiri Institute of Engineering and Management Studies**

*Bachelor of Technology in Computer Science and Engineering*

- Current CGPA: 7.0/10.0

*Chhatrapati Sambhajnagar, Maharashtra*

*Expected May 2026*

## Professional Involvement

**Technical Lead, Coding Ninjas Campus Club**

*Deogiri Institute of Engineering and Management Studies*

- Mentored students in DSA, promoting consistent problem-solving habits.
- Organized coding contests and workshops to boost hands-on learning.
- Advocated the use of the Coding Ninjas platform for structured DSA practice.

*April 2024 – August 2024*

*Chhatrapati Sambhajnagar, Maharashtra*

## Achievements & Certifications

**Codeathon 2nd Prize:** Secured second place in a coding contest held at MGM University.

**Leetcode:** Achieved a peak LeetCode rating of 1600 after participating in over 40+ contests.

**Certification:** Spring Boot Framework (Udemy), Java & Data Structures and Algorithms (Apna College)