# AKSHAY PATIL
## Backend Developer

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## Summary

Backend Developer with strong fundamentals in Java, Spring Boot, MySQL, and REST APIs. Proficient in designing scalable applications, maintaining clean codebases, and solving backend-centric problems. Motivated to contribute to real-world software solutions in fast-paced and collaborative environments.

## Skills

**Backend Technologies:** Java, Spring Boot, RESTful APIs, PHP, Laravel
**Databases & Querying:** MySQL, SQL
**Development Tools:** Git, GitHub, Postman, IntelliJ IDEA

## Experience

**Backend Developer — Tech Project**                                    **Oct 2025 – Present**
*D.Y. Patil College, Kolhapur*                        *Tech Stack: Laravel (PHP), MySQL, HTML/CSS*

− Engineered backend modules using Laravel MVC architecture by configuring controllers, models, routing, and validation logic.
− Designed and normalized MySQL schemas; managed relational queries and enhanced CRUD performance.
− Established secure authentication and session workflows to support role-based access control.
− Coordinated with frontend members on requirement mapping, API data flow, and architectural decisions.
− Applied Laravel Eloquent ORM to streamline database interactions and improve code maintainability.

## Projects

**FairHire AI: Resume Screening & Assist System** | *Python, Machine Learning, NLP, Ollama*   **Oct 2025 – Nov 2025**

− **Designed an AI-driven resume evaluation system** to score resumes based on domain relevance and extracted skill sets.
− Applied NLP pipelines to analyze uploaded resumes and highlight strengths along with improvement areas.
− Constructed ML-based scoring mechanisms to generate resume fit scores and candidate insights.
− Integrated Ollama LLM to produce resume-based interview questions and personalized improvement recommendations.

**SyllabusHub: Study Material Management Platform** | *PHP (MVC), MySQL*              **Jan 2025 – Mar 2025**

− **Architected a centralized academic content platform** offering syllabus, notes, previous-year papers, timetables, and college notices.
− Structured backend workflows using PHP MVC architecture to manage course–semester–subject–material hierarchies.
− Configured secure user authentication and role-based access where admins govern student permissions and visibility.
− Built admin modules to add, modify, and remove academic documents with validation and error handling.

## Awards & Certifications

- **Python for Data Science and AI – Coursera:** Acquired hands-on experience in Python programming, data processing, and AI fundamentals.

- **Machine Learning Fundamentals – Online Certification:** Gained knowledge of supervised learning, model training, and evaluation techniques.

- **PHP with MVC Architecture – Online Course:** Strengthened backend development skills using MVC structure, authentication, and database integration.

- **SQL for Backend Development – Online Certification:** Practiced complex queries, joins, and relational database design.

## Education

**M.C.A (Master of Computer Applications)**                              **Pursuing: 2025–2027**
*DYP Deemed University / D.Y. Patil College Kolhapur*                          *Status: Pursuing*