Nirmal Avhad

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Skills

Languages	Java, Python	**Tools**	IntelliJ IDEA, Power BI, Postman
Frameworks	Spring, Spring Boot, Spring MVC, Hibernate	**Soft Skills**	Leadership and Teamwork, Organized
Database	MySQL	**Others**	Selenium, REST API, Data Analysis

Experience

Internship

Application Developer (The DataTech Labs)   *Aug 2022 – Oct 2022*

– Collaborated with senior developers to design and build a Skills Evaluation App using Angular and Spring Boot.
– Developed interactive features, including quizzes and notes, to support students in practicing technical questions and assessing knowledge.
– Enhanced the student learning experience by creating a user-friendly platform for technical skill development.

Education

1. Savitribai Phule Pune University   **2024**

Bachelor of Science in Artificial Intelligence and Data Science   *CGPA: 7.9*

Publication

– Doctor AI: An Intelligent Approach for Medical Diagnosis - (IJSREM)

2. AISSMS Polytechnic   **2021**

Diploma in Computer Engineering   *Percentage: 87.77%*

Publication

– Development of an Android Application for Maharashtra Guide Tourism - (IJIRSET)

Projects

Student Management System (Java, Angular, Spring Boot, SQL, Hibernate, etc.)   **Oct 2024 - Present**

– **Visions:** Undertaking a 50-day development cycle (starting October 2024) to build a real-time student management platform to support CRUD operations, advanced filtering, Excel import/export, and PDF generation for certificates and receipts.
– Implementing secure authentication and role-based access control with Spring Security and JWT.
– Utilizing Angular for a responsive frontend and Hibernate ORM for optimized database interactions, creating a robust and user-friendly system
– Employing Git for version control to manage code efficiently, enabling collaboration and maintaining a structured development workflow.

ATS Score Checker: AI-Powered Resume Optimization Tool   **June 2024- Aug 2024**

– Developed an ATS Score Checker application using Streamlit (frontend), Python (backend), and LLM (Gemini model) to analyze and score resumes against job descriptions.
– Deployed the platform on a custom domain (ats-checker.algoatlas.co) with automated build and deployment pipelines, ensuring reliability and scalability.
– Applied Object-Oriented Programming principles and test-driven development to deliver clean, maintainable, and high-quality code.
– Designed algorithms for resume keyword extraction and scoring, solving challenges in parsing diverse templates and improving ATS compatibility by 40

Web-Based Event Management Tool for College Clubs (Angular, Spring MVC, MySQL, etc)   **Oct 2023 – Nov 2023**

– Developed a web-based College Club Event Management System
– Implemented RBAC for User and Admin, ensuring secure and tailored access.
– Enabled streamlined event browsing, category-based filtering, and registration for college events.

Certification

1) Spring: An Overview of the Spring Framework(SkillSoft) 2) Java Essential Training(LinkedIn) 3) Learning Jira(LinkedIn) 4) Data Analytics Essentials(Future Learn (Accenture)) 5) Effective Leadership (HP Foundation)