Akash Pandey

Linkedin: www.linkedin.com/in/akashpandey5/
GitHub: www.github.com/Akash15200/

Email:akashpandey224202@gmail.com
Mobile: +916306420544

SKILLS SUMMARY

Languages:	Java, SQL, JavaScript, TypeScript
Frameworks:	Spring Boot, Hibernate, Angular, NodeJS, Bootstrap, HTML, CSS, MERN Stack
Tools/Platforms:	Microservices, SQL, MYSQL
Soft Skills:	Problem-Solving Skills, Adaptability

PROJECTS

AI-Powered Job Matching Platform   May 2025- Jul 2025

- Engineered a full-stack job matching platform using the MERN stack (MongoDB, Express.js, React, Node.js) and a Python Flask microservice for ML tasks. The application supports three distinct user roles (Student, Recruiter, Admin) through tailored, role-based dashboards and functionalities.
- Developed a robust RESTful API with **over 45 endpoints** across **7 core modules** (auth, jobs, applications, etc.). Implemented a secure authentication system using **JSON Web Tokens (JWT)** and custom middleware to enforce role-based access control (RBAC).
- Implemented a sophisticated ML pipeline to analyze and match candidates with jobs. This includes an NLP-based resume parser (using **Python and spaCy**) that extracts data from a predefined list of **over 180 skills** and a job recommendation model using **TF-IDF and cosine similarity** that achieved a tested **80% accuracy** in matching candidates to relevant roles.
- Built a dynamic frontend with **React**, featuring **3 role-based dashboards** and a library of **over 25 reusable components**. Developed complex features including job management boards, applicant tracking systems, and data visualization for platform analytics.

Employee Management System (EMS)   Jan 2025

- Developed a full-stack employee management web application using **Angular** and **Spring Boot,** featuring core **CRUD** operations and RESTful APIs.
- Integrated **Spring Security** for authentication and **role-based access**, with a mobile-responsive UI and dynamic search/filter features.
- Built a mobile-responsive UI with **Angular Material**, dynamic search/filter features, and pagination for efficient data handling.
- Ensured stability and performance through **JUnit** unit testing, lazy loading, and optimized API calls for cross-device compatibility.

TRAINING Board Infinity – C++ With DSA   Jun 2024-Aug 2024

- Completed C++ with DSA training at Board Infinity, gaining expertise in OOP, memory management, and advanced programming concepts.
- Built a Library Management System with user authentication, book tracking, fine calculation, and efficient file handling.
- Enhanced system performance using search, sorting, indexing, and improved problem-solving through testing and debugging.

CERTIFICATIONS

- Ethical Hacking Essentials (Coursera)   Dec 2024
- Digital Forensics Essentials (Coursera)   Nov 2024
- Cloud Computing (NPTEL)   Oct 2024
- C++ with DSA (Board Infinity)   Jun 2024
- Web Development (LinkedIn)   Feb 2023

ACHIEVEMENTS

Secured 100+ Programming Question solved

Solved 100+ Problem's over different platform's Hacker rank, Leetcode   Since Nov 2023

Problem-Solving Skill:

3 Star Rating in C++ on Hacker Rank   Feb 2024

EDUCATION

Lovely Professional University   Phagwara-Punjab
Bachelor of Technology - Computer Science and Engineering   Since Aug 2022

SSV Inter College   Ayodhya, Uttar-Pradesh
Intermediate   Apr 2019 – Mar 2021