

HASSIBUL KAUSIR

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PROFESSIONAL SUMMARY

Computer Science graduate with extensive experience in **full-stack development**, **backend engineering**, and **AI-driven applications**. Proficient in **Python**, **PHP**, **Laravel**, **JavaScript**, and **MySQL**, with a proven track record of building scalable web applications, machine learning systems, and **REST APIs**. Committed to delivering reliable and impactful solutions as a **Software Engineer**.

WORK EXPERIENCE

Software Developer Intern | Internship

May 2025 - Jul 2025

Easy Digify

Hybrid • Guwahati, India

- Developed backend features for a **Laravel-based multi-service platform** supporting **4 user roles**.
- Implemented **RBAC**, **CRUD** operations, and notification modules using **Laravel** and **MySQL**.

Technologies / Skills Used : *Laravel 12, PHP, MySQL, Eloquent ORM, Blade, Tailwind CSS, Git.*

PROJECTS

AI Mock Interviewer Copilot | 🐙 Github

Sep 2025 - Jun 2026

Lead Developer

- Engineered a multi-stage **AI recruitment platform** integrating a **Hybrid ATS Engine**, **RAG-based Interview Engine**, **Coding Assessment Engine**, and **Recruiter Decision Intelligence**.
- Developed a **hybrid ATS engine** using rule-based scoring, fuzzy matching, SBERT embeddings, and LightGBM for explainable resume ranking and skill-gap analysis.
- Implemented a **RAG pipeline (FAISS + FLAN-T5)** for resume-aware interview generation, transformer-based semantic evaluation, and rule-based aptitude and HR assessment.
- Architected 24+ **FastAPI REST APIs** enabling session orchestration, **Judge0-powered secure code execution**, Docker containerization, and cloud deployment.

Technologies / Tools Used : *Python, FastAPI, React.js, MySQL, LightGBM, Sentence Transformers (SBERT), FLAN-T5, FAISS, Judge0, Docker, Railway, REST APIs, Git, Hugging Face*

Full-Stack Restaurant Ordering & Management System | 🐙 Github

Sep 2025 - Oct 2025

Individual Project

- Developed a full-stack **restaurant ordering platform** utilizing **Laravel 12**, featuring **RBAC**, secure authentication, a shopping cart, and order management capabilities.
- Designed an **Admin Dashboard** that enables **CRUD** operations for managing menus, categories, orders, and sales effectively.
- Integrated **real-time notifications** and **PDF invoice generation** to enhance order tracking and improve the overall customer experience.

Technologies / Tools Used : *PHP, Laravel 12, MySQL, Blade, Tailwind CSS, Laravel Breeze, JavaScript, Git.*

HybridFlix AI - Hybrid Movie Recommendation System | 🌐 Website 🐙 Github

Feb 2025 - Apr 2025

Individual Project

- Developed a **hybrid movie recommendation system** utilizing **Content-Based Filtering (Cosine Similarity)** and **K-Nearest Neighbors (KNN)** to provide personalized recommendations for over **5,000 movies**.
- Created a full-stack **Flask** web application featuring a responsive, Netflix-inspired UI, integrating the **OMDb API** for real-time access to posters, ratings, and movie metadata.
- Enhanced performance through **precomputed similarity matrices**, **LRU caching**, and **concurrent API requests**, significantly reducing recommendation latency and API overhead.

Technologies / Tools Used : *Python, Flask, Scikit-learn, Pandas, NumPy, CountVectorizer, KNN, OMDb API, HTML, CSS, JavaScript, Git.*

SKILLS

Databases :	MySQL, MongoDB
Frameworks & Libraries :	Laravel, Pandas, NumPy, Scikit-learn
Languages :	English, Hindi, Assamese
Programming Languages :	C++, Python, PHP, JavaScript
Tools & Platforms :	GitHub, Docker, Git

EDUCATION

Barak Valley Engineering College | Sribhumi, Assam

Oct 2022 - Jul 2026

B.Tech CSE

CGPA : 6.57/10

Class XII

Percentage : 67%

Class X

Percentage : 83.33%