

# Shoeb Iqbal

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## EXPERIENCE

### Software Developer

AUG 2025 – Present

Hyderabad, India

Mohjay Infotech

- Contributed to the development of a real-time **video meeting module** for MI-Skilled using **Spring Boot, WebRTC, and WebSockets**, improving chat delivery reliability and **video–audio synchronization by 35%**.
- Implemented **WebSocket-based real-time chat and presence service** with event broadcasting and retry mechanisms, reducing message delays and packet drops during peak load.
- Designed and optimized **MongoDB schemas and indexes** for user sessions, call metadata, and message logs, resulting in **42% faster queries** during live-class operations.
- Assisted in deploying media services on **AWS ECS Fargate** with **S3 + CloudWatch alerts**, contributing to automated scaling and improving fault recovery time.

### Software Engineer

JAN 2025 – JULY 2025

Gurugram, Haryana, India

Bridge Group Solutions

- Built a scalable **ASP.NET-based assessment platform** for **test.internboot.com**, reducing **hiring time by 70%** and **recruitment cost by 45%**, while automating deployment pipelines.
- Optimized **MySQL database queries** by implementing **proper indexing, connection pooling, and query normalization**, improving API response time by **38%** and enabling faster analytics reporting.
- Deployed **Redis-backed microservices** with **CI/CD (Jenkins, AWS EC2)**, ensuring **99.9% uptime** and high performance for **5K+ concurrent users**.
- Built an **HRMS analytics dashboard** in **Python (Flet)** integrating **Matplotlib charts, role-based access**, and encrypted storage using **PBKDF2**, enabling managers to track hiring metrics and performance insights securely.
- Developed UI of **Flutter-based Learning Management System (LMS)** with **offline support and push notifications**, increasing **training engagement by 60%**.

### Backend Developer Intern

May 2024 – July 2025

KODERS

Dehradun, India

- Crafted an **Automated Video Caption Processing Service** using **Node.js, Next.js, Whisper AI, FFmpeg, S3, SSA, and WebAssembly**, improving video upload and processing speed by **30%**.
- Optimized system reliability and scalability with **AWS and Docker**, resulting in a **40% improvement in deployment efficiency**.
- Developed an extensive **Admin Panel** using **Strapi**, streamlining content management and reducing operational workload by **25%**.

## PROJECTS

### Lingua Cloud Sphere | Python, React, AWS(Lambda, S3, API Gateway), NLP, MongoDB, Docker

- Executed the implementation of a robust AI-driven **NLP platform** leveraging AWS Services, achieving a **30% decrease** in operational costs.
- Build a responsive front-end using **Chakra UI** and **React.js**, coupled with a **serverless Python back-end**. Utilized **AWS API Gateway** and **S3** to maintain **99.9% availability** and uptime.
- Implemented **Agile methodology**, leveraging **Trello Kanban** boards for project tracking, resulting in **20% increase** in team efficiency.
- GitHub:** <https://github.com/SHOEB091/LinguaCloudSphere>

### Chat PDF | Gemini AI, React.js, Next.js, LangChain, Pinecone, RAG, PostgreSQL

- Engineered an intelligent **Chat with PDF** application leveraging **Gemini AI** and **LangChain** for context-aware document comprehension and conversational querying.
- Implemented a **Retrieval-Augmented Generation (RAG)** pipeline with **Pinecone vector database** and **PostgreSQL**, enabling accurate, real-time semantic search across large PDFs.
- Developed a responsive **React + Next.js frontend** with chat streaming, authentication, and efficient API integration for seamless user interaction.
- GitHub:** [github.com/SHOEB091/AI-ChatPDF](https://github.com/SHOEB091/AI-ChatPDF) | **Live:** [sichatpdf.vercel.app](https://sichatpdf.vercel.app)

## EDUCATION

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### DIT University

*Bachelor of Technology in Computer Science*

Dehradun, India

Sept. 2021 – Aug 2025

## TECHNICAL SKILLS

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**Languages:** Java, Python, SQL, JavaScript, HTML/CSS

**Backend:** Spring Boot, Microservices, RESTful APIs, JUnit, Node.js, Express.js, JDBC, JPA, Maven

**Frontend:** React.js, Next.js, Material UI, ShadCN

**Databases & Caching:** MySQL, MongoDB, Redis

**Cloud & DevOps:** Docker, AWS, CI/CD (Jenkins), Linux, Git

**Data & AI Tools:** Pandas, NumPy, Matplotlib, Excel, Pinecone, LangChain, RAG

**Core CS Concepts:** Data Structures & Algorithms, OOP, OS, DBMS, Networking

**Soft Skills:** Problem-Solving, Collaboration, Adaptability, Time Management

## ACHIEVEMENTS / CERTIFICATIONS

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### Professional Certifications | *Industry Recognized Credentials*

- **Oracle AI Foundations Associate** – Validated expertise in Artificial Intelligence fundamentals and Oracle AI technologies.
- **Deloitte Australia Cyber Simulation** – Participated in real-world cybersecurity challenge simulating enterprise threat response.
- **Oracle Cloud Infrastructure Generative AI Professional** – Gained advanced understanding of LLMs, RAG pipelines, and prompt engineering.
- **AWS Cloud Technical Essentials** – Acquired foundational knowledge of AWS services, deployment, and IAM configuration.
- **Docker, Kubernetes & OpenShift (IBM)** – Hands-on experience in containerization, orchestration, and DevOps practices.
- **Software Engineering (IBM)** – Covered SDLC, Agile methodologies, and software design principles.