

Shreyans Jaiswal

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EDUCATION

Dr B R Ambedkar National Institute of Technology Jalandhar <i>B.Tech (Information Technology) CGPA - 7.04 , SGPA - 7.78</i>	2023 – 2027 Jalandhar, India
Birla Public School, Doha <i>Class 12th - PERCENTAGE - 84 %</i>	2023 Doha, Qatar
Birla Public School, Doha <i>Class 10th - PERCENTAGE - 91 %</i>	2021 Doha, Qatar

EXPERIENCE

Engineers India Limited (EIL) <i>Summer Trainee (Intern)</i>	June – July (2025) New Delhi, India
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- Developed and deployed a full-stack MERN (MongoDB, Express, React, Node.js) scholarship management application serving 500+ monthly users with JWT authentication and RESTful APIs
- Engineered comprehensive Jest unit test suite covering 70%+ code paths → reduced reported bugs by 20% and improved deployment confidence

SUMMARY

Full-Stack & AI Developer | B.Tech IT, NIT Jalandhar (2027) with internship experience at Engineers India Limited. Built 4 production-level projects including RAG systems (LangChain, ChromaDB), real-time apps (WebSockets, Socket.IO), and AI SaaS platforms. Skilled in Python, FastAPI, TypeScript, Docker, and CI/CD. Seeking AI/SWE Internship – Summer 2026.

PROJECTS

Live-CODE-X | **Live:** live-code-x.netlify.app/ | **GitHub:** github.com/Shreyans-704/LIVE-CODE-X

- Architected a real-time collaborative IDE using WebSockets and Socket.IO
- Enabled < 50ms sync latency for 20+ users
- Integrated Judge0 API and validated Jest testing on core event handlers → 85% coverage

Narrately | **Live:** narrately.in | **GitHub:** github.com/Shreyans-704/Narrately-AI

- Developed a SaaS AI video platform using React, Node.js, Gemini API with AI-driven script generation
- Implemented Redis async processing → improved rendering speed by 40%
- Integrated AWS S3 → supported 100+ users with < 3s latency

AI Wellness | **Live:** wellnessaiweb.netlify.app/ | **GitHub:** github.com/Shreyans-704/AI-Wellness-Health-Website

- Engineered a mental health screening tool using PHQ-9 scoring with programmatically generated PDF reports
- Built using React, Supabase, Gemini API
- Reduced documentation time by 40% for 100+ users

Docu-Mind | **Live:** docu-mind | **GitHub:** github.com/Shreyans-704/DocuMind---RAG-based-Document-Q-A-Engine

- Made a RAG system using FastAPI, ChromaDB
- Achieved sub-2s query latency across 50+ documents
- Designed hybrid retrieval (BM25 + embeddings)

Self-Healing Web App Infrastructure | **GitHub:** github.com/Shreyans-704/Self-Healing-Web-App-Infrastructure

- Built a system using Docker restart policies to automatically recover from application crashes and ensure high availability
- Configured monitoring using Prometheus and visualized real-time metrics via Grafana dashboards
- Simulated failure scenarios and validated automated recovery through custom endpoints and live system behavior analysis

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, JavaScript, TypeScript, HTML, CSS

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, FastAPI, LangChain, Socket.IO, Bootstrap, Tailwind CSS, REST APIs, Pytest

AI & Machine Learning: Generative AI APIs (Gemini/OpenAI API), Retrieval Augmented Generation (RAG), LangChain, ChromaDB, OpenAI Whisper, Vector Embeddings, Prompt Engineering, MobileNetV3

Tools & DevOps: Git, GitHub Actions, CI/CD Pipelines, Docker, AWS (EC2, S3), Google Cloud Platform (GCP), Linux, Nginx, Jest, Agile/Scrum

Databases: SQL, MongoDB, PostgreSQL, Redis, ChromaDB, Supabase

Relevant Coursework: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems (OS), Database Management Systems (DBMS), Computer Networks (TCP/IP), Artificial Intelligence, Cryptography and Network Security

Concepts: System Design, Microservices, REST Architecture, Retrieval Augmented Generation

CERTIFICATIONS

McKinsey.org Forward Program : Mastered 12 core chapters including adaptability, data-driven decision-making

Google Cloud Skills Boost : Completed 10 labs, gaining skills in Gen AI app development, Cloud Vision APIs & Cloud Run.

Machine Learning : Learned core ML concepts including model building, evaluation, and real-world applications.

GitLab CI Fundamentals Certificate : Hands-on expertise in CI/CD pipeline automation,

DOCKER essentials Udemy course : Learn 5+ Hands-on Containerization and Orchestration with Docker Ecosystem

Supervised Machine Learning: Regression and Classification : Mastered supervised ML techniques

Career Essentials in Cybersecurity by Microsoft and LinkedIn : cybersecurity fundamentals, threat and vulnerability management.

Advanced Learning Algorithms : Mastered neural networks and TensorFlow.

Unsupervised Learning, Recommenders, Reinforcement Learning : Learned clustering, recommendation systems, and basics of reinforcement learning.