

Krish Bhojwani

Mumbai, India | krishtbhojwani@gmail.com | +91 9372555720 | linkedin.com/in/krish-bhojwani | gitlab.com/krishtbhojwani | krishbhojwani.com

Education

B.E. Information Technology

Vivekanand Education Society's Institute of Technology (VESIT), Mumbai, University of Mumbai

Expected May 2027

CGPA: 9.1/10

Diploma in Computer Engineering

Vivekanand Education Society's Polytechnic, Mumbai

May 2024

Percentage: 82.3%

Experience

Karios Sales, Contract Software Developer

Aug 2026 – Present

- Developing a client website for a sales business.

Country Line Off Road, Freelance Full-Stack Developer (US Client)

Aug 2026 – Present

- Took over and completed a Next.js storefront for a suspension-parts business, including vehicle-fitment search, cart, checkout, and an admin panel for products and orders.
- Implemented JWT authentication in HTTP-only cookies with bcrypt hashing, CSRF protection, and role-based access control.
- Modeled a PostgreSQL 16 schema with Prisma (prices stored as integer cents), containerized the database with Docker, and set up GitLab CI/CD and automated backups.

Quince Capital, Software Development Intern

May 2026 – Jul 2026

- Built features for a React, Node.js, and PostgreSQL SaaS ticketing platform, including schema design, REST APIs, and a Report Builder module backed by SQL Server stored procedures.
- Built and tested a multilingual AI voice pipeline (Vapi, Bolna, ElevenLabs, n8n) with ChatGPT-based translation across 10+ regional languages.

TheLonelyBag, Quality Engineer Intern

Sep 2025 – Nov 2025

- Tested 10+ REST APIs in Postman, writing 20 test cases and building 2 end-to-end API workflows.
- Identified and reported 10 defects (2 critical, 3 medium, 5 minor) with reproduction steps.

Projects

CreditPulse ML: Loan Default Prediction | Python, XGBoost, Keras, Flask, SHAP, Docker

GitLab

- Built a leakage-free loan default model on 400K LendingClub loans using a chronological train, validation, and test split; XGBoost reached test ROC-AUC 0.691.
- Applied isotonic calibration (test Brier score 0.2145 to 0.1554, a 27.6% improvement) and a 0.15 decision threshold chosen on validation with a 5:1 cost ratio, cutting the default rate among approved loans to 8.4% against a 21.2% test baseline at a 28.7% approval rate; generated SHAP reason codes.

Help Desk Ticketing System (Spring Boot) | Java, Spring Boot, PostgreSQL, JWT, React

GitLab

- Built a multi-tenant REST API in Java 21 and Spring Boot 3 that enforces tenant isolation with Hibernate filters and an AOP aspect, with stateless JWT authentication and four-role RBAC.
- Enforced a ticket status state machine that rejects invalid transitions with an RFC 7807 409 response, verified with 33 JUnit 5 and Mockito tests.

Personal AI Memory System (Jarvis) | Node.js, Express, PostgreSQL, pgvector, Ollama, React, MCP

GitLab

- Built a local-first memory system combining 768-dimension HNSW vector search, GIN full-text search, and AST code-symbol lookup, with an LLM fact-extraction pipeline and SHA-256 deduplication.
- Serialized local inference through a FIFO queue to protect a 4 GB GPU, and exposed memory to external tools through an MCP server.

Multi-Client TCP Chat and File Transfer | Java, TCP Sockets, Multithreading

GitLab

- Built a multithreaded client-server chat and file-transfer system over raw TCP sockets, with a custom XML routing protocol and a thread-safe ConcurrentHashMap session registry.
- Implemented duplex client I/O with separate sender and receiver threads and synchronized outbound writes so concurrent senders cannot interleave frames.

Technical Skills

Languages: Java, Python, JavaScript (ES6), SQL, PHP

Backend & Frameworks: Spring Boot, Spring Security, JPA/Hibernate, Node.js, Express, Flask, Pydantic, Laravel

Frontend: React, Next.js, HTML, CSS

Databases & ORM: PostgreSQL, pgvector, MySQL, Microsoft SQL Server, Prisma

Testing & QA: JUnit 5, Mockito, Selenium, TestNG, Cypress, pytest, Postman (API testing), test case design, defect reporting, STLC, SDLC

DevOps & Tools: Git, GitLab CI/CD, Docker, Maven, Nginx, Vite, MCP

Concepts: REST APIs, JWT, RBAC, multi-tenancy, multithreading, OOP, DSA, RAG, LLM APIs