

Sejal Shinkar

Pune, Maharashtra, India

+91 9511735932 — sejalshinkar1510@gmail.com — LinkedIn — GitHub

Portfolio — CodeChef — LeetCode — GFG

Education

B.Tech in Information Technology (Pre-Final Year) 2024 – 2028
Pune Institute of Computer Technology (PICT) CGPA: 9.42

Activities: Web Team Member, PCSB Club

Higher Secondary Certificate (HSC)

2024

MRMV Junior College of Science, Manmad

Percentage: 95.00%

Technical Skills

Languages: Python, JavaScript (ES6+), TypeScript, Java, SQL, C, C++

Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3, Responsive Web Design

Backend: Node.js, Express.js, FastAPI, REST API Design & Integration, JWT Authentication, Role-Based Access Control (RBAC)

Databases: PostgreSQL, MySQL, MongoDB, Mongoose, Schema Design, Indexing

Cloud & DevOps: AWS (EC2, S3, Lambda), Microsoft Azure, GCP, Docker, CI/CD, Git, GitHub, npm/Yarn, Postman, Vercel, Render, Vitest, Playwright

Core Concepts: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, System Design, HLD & Technical Documentation, Agile/Scrum

AI/ML: Generative AI, RAG Pipelines, Prompt Engineering, Vector Databases (ChromaDB), Hugging Face, Open-Weight LLMs (Ollama), Model Evaluation (XGBoost, SHAP)

Experience

Product Intern – Technology, TPOBridge (Remote) Mar 2026 – Jul 2026

- Tested core features and user flows across two live full-stack web platforms, **TPOBridge** and **PlacementEdge**, across different browsers and screen sizes; identified, documented, and tracked bugs through resolution across frontend and backend layers in collaboration with the development team.
- Delivered regular UX feedback and collaborated cross-functionally with Product and Technology teams to translate business requirements into technical solutions, supporting planning, testing, and delivery of key initiatives.

Artificial Intelligence Intern – Infosys Springboard (Virtual)

Aug 2026 – Present

- Selected for the Infosys Springboard AI Internship (Pragati: Path to Future, Cohort 8) after clearing prerequisite AI learning pathways and technical assessments; building a Retrieval-Augmented Generation (RAG) pipeline for document Q&A using **ChromaDB** and Hugging Face sentence-transformer embeddings, with a **Python/FastAPI** backend.

Projects

Full Stack Developer – CiviQ (Citizen Issue Management Platform) (Live — GitHub) Feb 2026 – Jun 2026

- Architected and deployed a scalable, multi-tenant complaint management system for Residents, Technicians, and Administrators; built 31 **REST APIs** secured with custom JWT authentication and RBAC, achieving 98ms average response time via indexed compound queries.
- Designed a weighted technician assignment algorithm to automate complaint routing, and built an auto-failover notification system (Brevo to SendGrid) with 100% success rate under stress testing; validated with 92% test coverage (Vitest, Playwright) as part of a **CI/CD** workflow.

Full Stack Developer – Nxt2Campus (MHTCET College Predictor) (Live — GitHub) Jun 2025 – Aug 2025

- Built a full-stack admission guidance platform with **Node.js**, **Express.js**, and **MongoDB**, implementing a percentile and cutoff-based prediction model trained on historical MHT-CET data across 10 colleges.
- Designed REST APIs and a responsive, mobile-friendly **React** UI that consolidated college shortlisting into a single guided workflow for students.

Frontend Developer – EquiTrack (Real-Time Stock Tracker) (Live — GitHub)

Jul 2025 – Aug 2025

- Engineered a real-time stock tracking dashboard with JavaScript and Tailwind CSS, integrating live market data REST APIs with Chart.js to visualize price trends; added search, a metrics dashboard, and scheduled auto-refresh.

Achievements & Hackathons

- Built **SCRIBE AML**, an AI-powered SAR narrative generator with audit trails (5-member team, **Barclays Hack-O-Hire 2026** – National Participation Award); ran an open-weight Mistral LLM locally via Ollama, paired **XGBoost** anomaly scoring with **SHAP** explainability, and built REST APIs with FastAPI/Express and a React frontend.
- Built **ManoSakha**, a digital psychological support assistant (5-member team, **TechFiesta 2026** – International Hackathon) using an offline, locally-hosted Ollama LLM, responsive frontend screens, and an Express.js/MongoDB backend.
- Shortlisted in the college-level round of **Smart India Hackathon 2025** for a metro-planning solution (K-INDS); built **EcoTrace** at **Hack2Skill Prompt Wars Challenge 3**.
- Secured **Rank 176** in **ICPC AlgoQueen Quest**; 100+ problems solved on LeetCode & GeeksforGeeks; **1st Rank** (Taluka level) in the HSC Board Examination.

Certifications

- Exploring SAP Business Technology Platform** – SAP Learning
- Principles of Generative AI** – Infosys Springboard
- Data Structures & Algorithms in Java** – Course Completion Certification
- CodeChef – Problem Solving Certification** (500 Difficulty Level)
- NPTEL – Enhancing Soft Skills and Personality** — Elite + Gold — Score: 91% — IIT Kanpur
- Architecting Cloud Computing Solutions on Microsoft Azure** – Infosys Springboard
- AWS Cloud Fundamentals** (Lambda, S3, EC2, IAM, DynamoDB) – Infosys Springboard & College Workshop