Shivshankar Dhareppa Mali

Aspiring Software Development Engineer | Full Stack & Backend Developer | CSE (2027)

shivashankrmali7@gmail.com | +91 9370717823 | Pune, India

linkedin.com/in/shivshankar-mali-b46198314 | github.com/shiv123-coder | leetcode.com/u/shivshankar_Mali

SUMMARY

Computer Engineering undergraduate graduating in 2027 with a **9.29/10 CGPA** and hands-on experience developing full-stack, backend, and AI-powered applications. Skilled in **Java, JavaScript, Python, React, Node.js, FastAPI, PostgreSQL, and REST APIs**, with experience in authentication, databases, microservices, and AI/ML integration. Strong foundation in **DSA, OOP, and problem-solving**, demonstrated by a **Global Rank 2143 in TCS CodeVita Season 13**.

WORK EXPERIENCE

Freelance | *AI & Full Stack Developer (Remote)* *Project-based*

- Developed and deployed client web applications, managing implementation, environment setup, deployment, and maintenance.
- Built AI-powered applications including **CoralAI** and **VisionKirana**, integrating frontend interfaces, backend APIs, authentication, and ML workflows.

Talent Battle Pvt. Ltd. | *Java & DSA Intern (Offline)* **Jul–Aug 2025**

- Implemented and tested 20+ Java DSA exercises covering trees, graphs, and dynamic programming.
- Developed 5+ reusable Java components using OOP and modular design, reducing redundant utility code by 20%.

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, SQL

Core CS: DSA, OOP, DBMS, Operating Systems, Computer Networks, Problem-Solving

Backend: Node.js, FastAPI, REST APIs, Microservices, JWT, OAuth2, RBAC, SQLAlchemy

Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS, Vite, Progressive Web Apps (PWA)

Databases & Cloud: PostgreSQL, MySQL, Firebase, Supabase, Neon, AWS (EC2/S3), Vercel, Render, Cloudinary

AI/ML & Tools: PyTorch, ONNX Runtime, YOLOv8, OpenCV, EasyOCR, NumPy, pandas, Power BI, Git, GitHub, Docker, Maven, GitHub Actions, Agile/Scrum

PROJECTS

LoanIQ **GitHub**

AI-Powered Loan Origination System *React, Node.js, FastAPI, Firebase*

- Built an AI-assisted lending platform with automated underwriting, explainable credit scoring, RBAC, PAN OCR, biometric liveness checks, and Razorpay payment integration.
- Integrated NLP-based credit-risk analysis and automated verification workflows; reported results indicate 45% fewer fraudulent submissions and 60% less manual verification time.

Antariksh OS **GitHub**

Edge AI Earth Observation & Disaster Response *Next.js, FastAPI, PyTorch, ONNX*

- Developed an offline-first platform integrating three FastAPI microservices for cloud removal, crop-stress analysis, and evacuation routing with quantized ONNX inference.
- Implemented radar-guided image processing using FFT, vegetation and flood-risk mapping, and A* pathfinding for evacuation routes around flooded zones.

CoralAI **GitHub**

Coral Reef Health Mapping & Analytics *React, FastAPI, PyTorch, YOLOv8*

- Built a deep-learning platform for coral detection, segmentation, and reef-health assessment from underwater imagery using YOLOv8 and U-Net.
- Developed FastAPI services, Leaflet GIS visualization, Firebase authentication, and PDF reporting; reported model evaluation results exceeding 91% mAP.

EDUCATION

B.E. – Computer Engineering | JSPM's BSIOTR (SPPU) **2023–2027**
CGPA: **9.53/10**

HSC (12th) | Jogeshwari Mata Junior College **2023**
Maharashtra State Board | Percentage: **65.50%** | MHT-CET: **92.90 percentile**

SSC (10th) | Janata Vidyalaya, Pimpri Sandas **2021**
Maharashtra State Board | Percentage: **84.81%**

ACHIEVEMENTS & HACKATHONS

- **FE Second Topper** at JSPM's BSIOTR with **10.0/10 CGPA** in First Year Engineering.
- Secured **Global Rank 2143** in **TCS CodeVita Season 13**, an international coding contest.
- Earned the **100 Days LeetCode Consistency Certificate** and qualified for competitive rounds in **MaTPO Aptitude Idol 2025**.
- **TenZorX AI Hackathon**: Designed LoanIQ features for identity extraction, credit-risk ,and lending workflow automation.