Rishi Bhanushali

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Education

- **Dwarkadas J. Sanghvi College of Engineering** 2024 – 2028
  B.Tech CSE (Data Science), CGPA: 9.67 *Mumbai*
- **Pace Junior Science College** 2022 – 2024
  HSC – 82.33% *Mumbai*
- **Pawar Public School** 2010 – 2022
  ICSE – 94.16% *Mumbai*

Professional Experience

- **Full Stack Developer Intern (Incentive-Based) – Zootechx** Mar 2026 – Present
  Remote
  - Engineered full-stack SaaS and automation solutions with scalable APIs, real-time systems, and optimized data workflows
  - Built the company's official website and contributed to core backend infrastructure

Projects

- **Decibel - Real-Time AI Voice Agent** June2026
  - Built an ULTRA low-latency voice assistant using client-side VAD, concurrent Web Workers, and embedding-based memory retrieval
  - Engineered streaming speech pipelines and interactive memory visualizations for responsive conversational experiences
  - Tech: React, TypeScript, Three.js, ONNX Runtime Web, Dexie, Zustand, Groq API
- **Leadly - Agentic AI Lead Intelligence Platform** Apr 2026
  - Architected a multi-agent lead discovery and enrichment pipeline with automated scoring and outreach generation
  - Implemented async scraping, vector-based lead indexing, and AI-driven qualification workflows for scalable prospect analysis
  - Tech: FastAPI, MongoDB, ChromaDB, Playwright, Redis, Celery, Groq API
- **MatchFlow - Freelance Marketplace** Mar 2026
  - Developing full-stack platform with role-based dashboards and real-time communication using Socket.IO
  - Implemented secure authentication and scalable backend systems
  - Tech: React, Node.js, Express, Firebase, JWT

Skills

- **Core Engineering Areas:** Agentic AI, Intelligent Retrieval Systems, Semantic Search, Memory Architectures, Distributed Systems, Concurrent Programming, Real-Time AI Systems, LangChain
- **Tech Stack:** C++, Python, JavaScript, TypeScript, MERN, React, FastAPI, Redis, Firebase, ChromaDB, Three.js, Web Workers, Zustand, ONNX Runtime Web, Celery, Git, Vercel

Achievements

- HackOps 2025 – Winner (1st Position)
- Lines of Code 8.0 – Domain Winner (Web-App)
- PPSB MUN – Best Delegate & Best Position Paper

Extracurricular

- DJS ARYA – Software Team Member; DJS CodeAI – Tech Web Co-Committee Member; DJS CodeAI – Projects Co-Committee Member
- FE Coding Contest (Rank 13); CodeUncode (Rank 75)
- Datahack 3.0 & 4.0; SPIT Hackathon