

Ajinkya Nitesh Furange

Computer Engineering Student — Backend and AI/ML

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🌐 ajinkyafurange.netlify.app (Portfolio)



Education

Vidyavardhini's Bhausaheb Vartak Polytechnic

2024 – 2027

Diploma in Computer Engineering (MSBTE) – **CGPA: 9.06**

Mumbai, India

- Relevant Coursework: Data Structures & Algorithms, DBMS, Computer Networks, Web Development

AnnaSaheb Vartak Smarak Vidyamandir

2023 – 2024

Secondary School Certificate (SSC) – **89%**

Mumbai, India

Technical Skills

Languages: JavaScript, Python, PHP, Go, SQL, HTML/CSS

Frameworks & Tools: Node.js, Express.js, Flask, Bootstrap, jQuery, Git/GitHub, MongoDB, MySQL

AI/ML Technologies: Azure AI Agent Service, RAG Pipelines, GPT Models, Hugging Face API, Automation

Core Competencies: RESTful API Design, Database Optimization, UI/UX Design

Experience

Web Development Intern

Oct 2024 – Nov 2024

Cognifyz Technologies – [View Projects](#)

Remote

- Engineered and deployed **5+** responsive web applications with 100% mobile compatibility using HTML5, CSS3 and JavaScript
- Applied Git-based version control workflows, maintaining **95%+** code quality while documenting systems to reduce onboarding time by **30%**
- Consistently delivered all project milestones **ahead of schedule**, showcasing strong execution, time management and ownership

Web Development Intern

Oct 2024 – Nov 2024

CodSoft – [View Projects](#)

Remote

- Collaborated with cross-functional teams to build **3 client-facing dashboards** using Bootstrap and jQuery, enhancing overall user experience
- Improved website performance by **40%** through code refactoring, asset optimization and responsive design across **8+ web pages**
- Successfully managed multiple parallel tasks with **100% on-time delivery**, demonstrating strong ownership and execution discipline

Projects

S-RAY – Real-Time Crowd Safety Platform | HTML, CSS, JavaScript

2026

- Built a **privacy-first system** for real-time crowd congestion detection and preventive safety guidance
- Applied **multi-modal crowd analysis** concepts to enhance congestion detection accuracy
- Deployed an interactive prototype with **dynamic exit guidance** — [Live Demo](#)

Smart Form Analyzer & Auto-Fill Chrome Extension | JavaScript, Chrome Extensions API, HTML/CSS

2026

- Developed a Chrome extension to **analyze web forms in real time** and assist with intelligent automation
- Implemented **content scripts and popup-based UI** for secure field extraction and page interaction
- Designed a permission-aware architecture using **Manifest V3**, ensuring security compliance

E-Commerce System with Admin Dashboard | Node.js, Express, MySQL, Nodemailer

2025

- Architected a full-stack e-commerce platform serving **200+ daily users** with real-time order tracking
- Integrated automated Email notifications achieving **98% delivery rate**
- Optimized MySQL queries, improving inventory performance by **50%**
- Deployed a production-ready application with **99.5% uptime** — [Live Demo](#)

2FA Scam Awareness Simulation | JavaScript, jQuery, HTML/CSS

2025

- Created an interactive educational web application demonstrating phishing and OTP fraud scenarios
- Simulated real-world attack flows using JavaScript event handling — [Live Demo](#)

Achievements & Leadership

- 1st Prize** – Building AI Agents using Azure AI Agent Service — Microsoft Office, Mumbai (2025)
- 1st Prize** – Replica Race (Prompt-to-Image Challenge) — Inter-College Technical Competition (2026)
- 2nd Prize** – Bug Buster (Python Debugging) — Inter-College Technical Competition (2026)
- 1st Prize** – StartUp Pitching Competition — Pre-Eureka (2025)
- 3rd Prize** – Building AI Agents with MongoDB — MongoDB User Group (MUG) Mumbai (2025)
- Team Manager** – National Entrepreneurship Challenge — E-Cell IIT Bombay
- Open Source Contributor** – Youth Season of Code (Y-SoC 2025–26) — Active community contributions

Certifications

- Oracle Cloud Infrastructure 2025 Certified Foundations Associate** — Oracle Cloud
- Building AI Agents with MongoDB** — MongoDB University
- Watsonx Orchestrate: Business Automation in the Age of Agentic AI** — IBM
- Microsoft - EY AI Skill Passport** — Microsoft & EY
- National Entrepreneurship Challenge Certification** — E-Cell, IIT Bombay
- Advanced Software Engineering Job Simulation** — Forage - Walmart