

ATHARVA JADHAV

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EDUCATION

Vidyalankar Institute of Technology (Mumbai University)

June 2023 - June 2026

B.Tech in Computer Engineering

CGPA: 9.53/10

TECHNICAL SKILLS

Programming Languages: Java, GoLang, JavaScript, TypeScript, Dart

Frameworks & Architectures: NestJS, Node.js, Express.js, Gin, NestJS, React.js, Next.js, Flutter, Microservices

Databases & ORMs: PostgreSQL, MySQL, Prisma ORM, MongoDB, Redis, TimescaleDB

Cloud & DevOps: AWS (EC2, ECS, S3, RDS, IAM), Docker, Kubernetes, Apache Kafka, CI/CD (GitHub Actions), Grafana

Tools & Platforms: Git, Swagger, Postman, Firebase, Nginx, PM2, TailwindCSS

EXPERIENCE

FyreGig - Backend Developer Intern | [Certificate](#) | [Live Demo](#)

March 2025 - Sep 2025

- Built a high performance **programmatic advertising platform** using **microservices architecture** supporting **publisher/advertiser onboarding**, **SDK script validation**, and advanced **campaign management** with demographic, keyword, and time-based targeting. Designed and implemented **real-time auction algorithms** serving **1,000+ concurrent users** with **sub-200ms latency**.
- Built an **event-driven bidding system** using **Apache Kafka** polling, **Redis** for locking/caching during bid requests, **Server-Sent Events (SSE)** for SDK communication, and **TimescaleDB** for impression and click analytics.
- Implemented a **payment processing system** for revenue distribution, automated **cron jobs** for cleanup, deployed on **AWS** with **Docker**, and a lightweight **JS SDK**.

Sora Infotech - Software Developer Intern | [Certificate](#) | [Play Store](#) | [App Store](#)

June 2024 - Aug 2024

- Built a **cross-platform Flutter** application with **biometric facial recognition** (95%+ accuracy) using **TensorFlow Lite**, **real-time geofencing** (20 m precision), and **anti-fraud security** including root/jailbreak detection.
- Developed a secure **Node.js backend** with **MySQL**, **JWT authentication**, and **test-driven development** practices, featuring a **real-time monitoring dashboard** and **push notifications** for attendance tracking, notes, timetable, announcements, and event gallery serving **1000+ users**.

PROJECTS

The New Security Project - Blog & Content Management Platform | [Live Demo](#)

Next.js, Node.js, Express.js, MongoDB, PrismaORM, NextAuth.js, TypeScript, TailwindCSS, JWT, Playwright

- Designed a full-stack **security research platform** leveraging **Next.js**, **Express.js**, **MongoDB**, integrating a scalable CMS, lecture management, **Playwright** for job scraping, **automated newsletters**, and a robust admin dashboard.
- Built secure APIs with JWT, OAuth, RBAC, and **rate limitation**, **SEO Optimization & indexing** for load time of <3s and uptime of 99.5%.

Servitect - Backend Architecture Generator | [NPM Package](#) | [GitHub](#)

Node.js, Express.js, MongoDB, JWT, Docker, LangChain, Firebase, CLI Tools

- Created a **production-ready backend generator** with **MVC architecture patterns**, automated project scaffolding, and **backend templates** featuring Docker containerization and JWT authentication systems.
- Implemented **modular backend components** with real-time chat, WhatsApp integration, Firebase messaging, and **AI/LLM integration** using LangChain for automated code generation and optimization.

Ecosaathi - Smart Waste Management System | [GitHub](#)

Python, Node.js, Computer Vision, Google Maps API, CVRP Algorithm, MongoDB, WhatsApp API

- Built a waste management platform with **Computer Vision** bin detection and **CVRP (Capacitated Vehicle Routing Problem)** route optimization, reducing travel distances for garbage trucks.
- Developed an **admin dashboard** with real-time analytics, automated **WhatsApp notifications**, and an **ML-powered reporting system**.

ACHIEVEMENTS & CERTIFICATES

- Smart India Hackathon 2022** - Winner (National Level)
- PICT Techfiesta Hackathon 2024** - Winner (International Level)
- AWS Certified Cloud Practitioner (CLF-C02)**
- 7x National Hackathon Wins**

[Certificate](#)

[Certificate](#)

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