

Tushar Wasake

Backend Developer

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LinkedIn | GitHub | Portfolio

Summary

Backend developer with hands-on experience building REST APIs, backend automation, and dashboards using **Node.js**, **Express**, and **MongoDB**. Skilled in payment integrations, authentication, and **AWS Lambda**-based automation for trading and portfolio systems. Completed multiple full-stack projects integrating AI APIs and payment gateways. Focused on maintainable code, reliable APIs, and measurable performance improvements.

Technical Skills

- **Languages:** JavaScript, TypeScript, Python, Go
- **Backend:** Node.js, Express, MongoDB, Redis, REST APIs, JWT, Razorpay
- **Frontend:** React, HTML, CSS, Tailwind, Bootstrap
- **Cloud/DevOps:** AWS (Lambda, CloudWatch), Git, GitHub
- **Tools:** Nodemailer, Postman, Inngest, Broker APIs
- **AI & Automation:** Google Gemini, Codex, Claude, GitHub Copilot

Projects

TicketMate-AI - AI Support Ticket System

Node.js, Express, MongoDB, Gemini, React

GitHub | Live Demo

- Developed AI-driven ticket triage and sentiment analysis, improving response workflow speed by 40%.
- Integrated Gemini for contextual suggestions and automated ticket resolution insights.
- Engineered REST APIs and background job queues using Inngest for scalable message processing.

RetailCanvas - E-commerce Platform

Node.js, Express, React, MongoDB, JWT, Razorpay

GitHub | Live Demo

- Built e-commerce functionality with secure JWT authentication and role-based access control.
- Executed Razorpay payment integration and applied OTP-based password reset via Nodemailer.
- Optimized MongoDB queries and indexing, reducing API latency by 35%.

Experience

StockMock (AlgoMock)

Technical & Growth Strategist

Delhi

May 2022 – Jul 2024

- Developed backend utilities in Node.js and Redis to simulate and analyze F&O strategies with high accuracy.
- Designed dashboards and alerts to monitor trading performance, improving analysis efficiency by 50%.
- Streamlined payment reconciliation workflows, reducing manual effort by 65%.

Systematic Solutions

Strategist & Portfolio Management

Mumbai

Mar 2021 – Jun 2024

- Created a fund-tracking system for a 5L personal portfolio and scaled it for client portfolios.
- Managed and monitored 25Cr+ HNI portfolios with automated reporting and performance dashboards.
- Engineered a real-time market scanner reducing decision time from 15 to 5 minutes (67% faster).
- Applied AWS Lambda-based order execution pipelines to minimize manual intervention.

MarketScanner

Trading Strategy Analyst

Mumbai

Oct 2019 – Feb 2021

- Analyzed trading datasets using Python and broker APIs to improve signal precision.
- Streamlined data correlation and analysis pipelines, enhancing efficiency by 40%.
- Built and managed a 10K+ trader community sharing analytics and strategy insights.

Education

Full Stack Web Development Bootcamp

Masai School

Sep 2024 – Jul 2025

B.Tech, Instrumentation Engineering

Govt. College of Engineering, Jalgaon

Aug 2015 – Jul 2019