HRISHIKESH ATOLE

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EDUCATION

- **Rajiv Gandhi Institute of Technology**, Mumbai — Aug 2021 – May 2024
  B.E. Electronics & Telecommunication, Minor in AI & ML

- **Virash Technologies**, Mira Road — Jun 2023 – Mar 2024
  Full Stack Web Development (Java)

EXPERIENCE

- **Software Engineer — Vernost Tech Ventures**, Mumbai — Sep 2024 – Present
  - Contributing to **Vepay**, a global payment orchestration platform supporting multi-acquirer card payments.
  - Modernized backend from Node.js v12 to v22, improving performance, stability, and security.
  - Implemented secure payment flows: **3DS**, BIN/Luhn validation, AES-256 & RSA encryption, and card tokenization (PCI scope reduction).
  - Integrated multiple gateways and acquirers including Paytabs, HyperPay, Ngenius, Razorpay, Juspay, CCAvenue, Payler, Checkout, and others.
  - Built automated reporting (CRON + SFTP), reward-points lifecycle APIs, and EJS-based checkout/payment pages.
  - Enhanced observability with Kibana logging, Highcharts dashboards, and GitFlow-based delivery with SonarQube checks.
  - Owned backend features end-to-end from requirement analysis to production deployment in a regulated fintech environment.
  - Collaborated with product, operations, and QA teams to deliver high-availability payment flows for global merchants.

PROJECTS

- **Travel Web Application — Full Stack Booking Platform** — 2024
  travel-chi-rust.vercel.app
  - Built a production-grade travel booking platform using **Next.js 14 (App Router)** and **Node.js/Express**, exposing REST APIs for search, booking, and payments.
  - Integrated **Amadeus flight supplier APIs** with a normalization pipeline (mapper → validator → transformer), parallel search, deduplication, caching (Redis), and cheapest-offer selection.
  - Implemented price validation, booking creation, and end-to-end payment flows using **Razorpay**, with server-side callbacks and extensible gateway adapters.
  - Designed traveler, PNR, and booking schemas in **MySQL**, including bulk airport data ingestion (5k+ records) with indexed search and autocomplete.
  - Implemented JWT-based authentication, card tokenization, CRON-driven background jobs, and retry-safe payment handling.
  - Added structured logging (Winston), centralized observability with **Kibana**, Postman collections for API testing, and deployment-ready configs for **Vercel**.
  - Architected clear separation across API layers, services, and integrations to support future supplier and payment gateway expansion.

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL, HTML, CSS
Frontend: Angular, Next.js, React, EJS
Backend: Node.js, Express
Databases: MySQL, MongoDB, Supabase, NeonDB
Platforms & Tools: Vercel, Render, Netlify, Postman, GitHub, Bitbucket, JIRA
AI Tools: GitHub Copilot (Free & Premium Models), Claude AI
Concepts: REST APIs, Secure Payments, PCI-DSS Concepts, 3DS, Tokenization, CRON Jobs, System Design, Microservices, Observability