

SUBHAM SIDHARTHA MOHAPATRA

Backend Developer

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SUMMARY

Backend Developer with 3.5+ years of experience building scalable, production-grade systems using Node.js, PostgreSQL, MongoDB, Redis, and Docker. Delivered 8+ live projects across shipping, edtech, and SaaS domains. Integrated secure payments, OpenAI-driven document processing, and timezone-based scheduling systems. Strong foundation in system design, microservices, and cloud (Azure, AWS).

EXPERIENCE

Groupage Technologies Private Limited (Allmasters)

Jan 2024 - Present

Backend Developer

Chennai, India

- Engineered a timezone-based scheduling system for global freight operations, boosting cut-off adherence by **35%**.
- Integrated Azure OpenAI and Computer Vision APIs to automate invoice extraction, cutting processing time by **70%**.
- Orchestrated Docker-based microservices and managed async job queues with RMQ, increasing task throughput by **50%**.

Dokonalý Cargo Management Service Private Limited (Dokonalý)

Dec 2022 - Jan 2024

Backend Web Developer

Chennai, India

- Developed export-import logistics backend (AIR/FCL/LCL) using Node.js and Redis, improving API efficiency by **40%**.
- Implemented CI/CD pipelines and Azure File Share integration, reducing document sync latency by **30%**.

FunctionUp

Apr 2022 Dec 2022

Backend Developer Trainee

Bengaluru, India

- Built RESTful APIs with Express and MongoDB, reducing average response time by **25%**.
- Mentored peers across 5+ backend projects and developed reusable modules, decreasing code duplication by **40%**.

PROJECTS

Classihila Learning Platform | Node.js, MongoDB, AWS, Stripe, CloudFront, EJS

- Designed secure video delivery using CloudFront signed URLs; reduced content scraping by **80%**.
- Integrated Razorpay payments, email OTP, admin dashboards, cron jobs, and user role permissions.

Product Management API | Node.js, JWT, MongoDB, Redis

- Architected modular APIs for product, cart, and review flow; implemented role-based auth and rate-limiting.
- Enhanced response speed by **50%** using Redis caching and Dockerized deployment.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL

Backend: Node.js, Express.js, Koa.js, GraphQL, REST, Socket.io, SDLC, System Design

Databases: MongoDB, PostgreSQL, Redis

DevOps/Cloud: Docker, PM2, Azure (File Share, OpenAI, Computer Vision), AWS (S3, EC2, CloudFront), CDN

AI Tools: Azure OpenAI API, Azure Computer Vision API

Other Tools: Razorpay, Stripe, Nodemailer, Twilio, Prisma, Git, RMQ, CI/CD

EDUCATION

B.Sc. - Bantala College Of Higher Education

2018 – 2021

Utkal University

Odisha, India

Intermediate - Nano +2 Science College

2017 – 2018

CHSE Board

Odisha, India

CERTIFICATIONS

PGDCA (Professional Certificate) — Jan 2023

DSA in JavaScript – log2base2 — Aug 2022