

Jyotiprakash Ghorai

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Product-focused Software Engineer with 5+ years of experience in backend and full-stack development. Proven expertise in building scalable APIs, optimizing performance, and integrating third-party platforms. Proficient in C#, .NET, Kotlin, and modern web technologies. Strong background in microservices, analytics, and agile environments.

SKILLS

- **Languages:** C#, Kotlin, Java, JavaScript, Python, HTML, CSS
- **Frameworks:** ASP.NET (Core & Framework), Vue.js, React.js, Fast API
- **ORMs:** Dapper, Entity
- **Tools:** GIT, Docker, Postman, Kamal, Jenkins, AWS CLI, IIS, Hyper V.
- **Database:** SQL Server, PostgreSQL, Redis, DuckDB
- **AWS Services:** S3, Lambda, Route 53, Athena.
- **Azure Services:** Azure SQL Server.
- **Monitoring Tools:** Elastic Search.
- **Experience:** Microservices, AI Agent, OOPS, Data Structures and Algorithms, DBMS, building high-scale Distributed Systems and Storage, developing low-latency services, ETL System, Data Pipeline, workers.

WORK EXPERIENCE

DeltaX: Product Engineer

07-2022 – Present

- Built an **AI-powered internal agent** using **Python and FastAPI** to assist in **report design** through natural-language prompts, improving report creation speed and consistency for internal teams.
- Integrated LinkedIn DMP Segment Streaming API to support seamless audience targeting with support for **3M+ records per request**.
- Developed a **microservice** to connect with Google Analytics 4 (GA4) API for real-time user analytics and reporting.
- Built reporting modules for TikTok, Pinterest, and Snapchat, serving 5,000+ daily report requests.
- Refactored a major system component, reducing CPU usage from 7% to 1% and execution time from **37s to 1s**.

One On One Links Pvt. Ltd: Full-stack Web developer

10-2020 – 07-2022

- Built a **REST API** backend for a pet owner social media app that supported 10K+ users, enabling secure login and data exchange; reduced API response time by 40%, improving overall app performance and user engagement.
- Implemented JWT-based authentication for a school dashboard system, allowing teachers to manage students securely.
- Developed a CRM system for sales management with user role-based access, tracking, and lead workflows.

DRUGWRITE Services India Pvt. Ltd: Android Developer

05-2019 – 10-2020

- Developed buyer & seller apps for homemade food using Kotlin, MVVM, and integrated **Razorpay for payment processing**.
- Rebuilt a legacy Android app using **MVVM architecture** and redesigned UI, which improved app stability and reduced crash rate by **60%**; boosted development speed for future features by **30%** due to improved code maintainability.

EDUCATION

AMC Engineering College | Bangalore

08-2015 – 08-2018

Master of Computer Application (MCA)