Kaustav Ghosh

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EDUCATION

Manipal Institute of Technology   Manipal, IN | 2018 – 2022
B. Tech Computer Science & Engineering (w/ Computational Intelligence)   CGPA: 8.57/10

WORK EXPERIENCE

COUCHBASE | Software Engineer   Bengaluru, IN | Jan 2023 – Present

- Engineered quickstart reference applications across **TypeScript/Next.js**, **Java/Spring Boot**, **Ruby on Rails**, and **PHP/Laravel**, each containerized with **Docker** and documented with **Swagger/OpenAPI**, accelerating developer onboarding to Couchbase SDKs
- Architected enterprise data connectors for **GCP Looker Studio** and the **Airbyte** open-source ELT platform, enabling production-grade data integration pipelines between Couchbase Capella and external analytics systems
- Built schema inference algorithms and a **React** frontend for CSV/JSON data importing, and developed **MongoDB-to-Couchbase migration tooling** that streamlined database transitions for enterprise customers
- Expanded **React-TypeScript** test suites for the Capella cloud frontend, elevating code coverage from 60% to over 90%, while implementing McTimings/McStats integration and scope-collection management features in the **IntelliJ IDEA** plugin
- Contributed over 149 pull requests across the couchbase-examples and Couchbase-Ecosystem organizations, establishing **GitHub Actions** CI/CD pipelines and maintaining developer documentation across repositories

HEVO DATA | Software Development Engineer Intern   Bengaluru, IN | Jan 2022 – Jun 2022

- Designed and implemented an end-to-end **REST API connector** and **SDK** for Braze, building authentication flows, **Feign client** integration, polling strategies, and ETL pipeline services from scratch
- Resolved production issues on Google BigQuery and Marketo connectors tracked via **Sentry** and **Coralogix**, and authored unit tests using **JUnit 5** and **Mockito**

PROJECTS

FAMILIARISE -- FULL-STACK CONSULTING PLATFORM ↗   Next.js, Flutter, Prisma, Supabase, Redis | 2023 – Present

- Architected a full-stack consulting platform with **Next.js** web and **Flutter** mobile clients, backed by **Prisma ORM**, **Supabase** (PostgreSQL + Auth), and **Redis** caching, serving role-based dashboards for consultants and clients
- Engineered **Razorpay** payment processing with consultant earnings tracking, **Stream**-based video recording for webinars, and **Novu** notification services, migrating authentication from NextAuth v4 to **BetterAuth**
- Implemented booking algorithms with availability conflict resolution, a referral system with revenue sharing, and search debouncing with **React** memoization, contributing 237 pull requests across the platform

SKILLS

Languages: TypeScript, Java, Python, Ruby, PHP, SQL, Bash
Frameworks: React, Next.js, Spring Boot, Rails, Laravel, Flutter, Prisma, Express.js
Databases & Infra: Couchbase, MongoDB, PostgreSQL, Supabase, Redis, Docker, GitHub Actions
Tools: Git, GCP, AWS, Swagger/OpenAPI, IntelliJ IDEA, Postman, Jira, JUnit, Mockito, Airbyte