

Asmit Vimal

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WORK EXPERIENCE

CRED | BACKEND ENGINEER - SDE 2

Bengaluru, IN | Jan 2023 – Present

- Built and launched **CRED Flights & Hotels** from zero to one, owning search, booking and payments services end-to-end; now serving **100+** bookings per day with **1K+** DAU.
- Engineered a CRON-scheduled **Statement of Accounts** pipeline serving **50K+ users daily** using **S3, CDC, Databricks and SQS**; now the shared path for **3 lending products** at **30%** lower cost than the system it replaced.
- Replaced Apache Velocity with an **in-house template resolver**, cutting median resolution time **38%** across **100+** templates rendered daily.
- Architected a **multi-supplier platform** supporting rule-based supplier fan-out with response transformation, aggregation and de-duplication; onboarded **7** suppliers and cut new-supplier integration from **1-2 weeks to 1-2 days**, now adopted by **3** LOBs.
- Designed an **entity-based rule engine** that moved business-rule changes from code deploys to runtime configuration, used across **multiple LOBs**.
- Shipped **5+ AI agents and automation workflows, with skills** for various purposes like on-call triaging and debugging, log search skills, tech-doc-writer, our own in-house AI employee etc, reducing manual effort by **20+ hours/week** for the bankstack team.
- Mentored **5** engineers, led design reviews for flights, hotels, co-lending and LAS, owned on-call for **10+** production services.

LAL10 | SOFTWARE DEVELOPMENT ENGINEER INTERN

Noida, IN | May 2022 – Dec 2022

- Re-architected the database schema from a legacy SQL system to **MongoDB** and refactored core endpoints, reducing p95 response time from **3000ms to 750ms**.
- Managed cloud infrastructure on **AWS**, including EC2, RDS, DynamoDB, SQS, etc.

SKILLS

LANGUAGES: Java, Go, Python, TypeScript/JavaScript, C/C++, SQL, Bash, Dart

FRAMEWORKS: Spring Boot, Dropwizard, Node.js, ReactJS, Flutter, Django, Flask

DATA: PostgreSQL, MySQL, DynamoDB, Redis, Elasticsearch/OpenSearch, Databricks

INFRASTRUCTURE: AWS (S3, SQS, EC2, Lambda), GCP, Azure, Docker, Git, CI/CD

AI TOOLING: Claude, Codex, Gemini

EDUCATION

National Institute of Technology, Patna

Bihar, IN | Jun 2019 – Jun 2023

BTECH (HONS.), COMPUTER SCIENCE AND ENGINEERING

CGPA: 9.14 / 10

PROJECTS

DELTRIT - RIDE SHARING APP 

FLUTTER, DART, FIREBASE, GOOGLE MAPS SDK, NODE.JS

- Cross-platform ride-sharing and carpooling app with live location tracking, push notifications and integrated payments.

ACHIEVEMENTS

- [CodeChef](#) 4-star, rating **1825** | [Codeforces](#) Specialist, rating **1417**