PRAVEEN KUMAR SHAH

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EDUCATION

B.Tech in Electronics & Communication Engineering, National Institute of Technology, Delhi   *2018 – 2022*
CGPA: **7.76/10**

SKILLS

Languages	Python, Golang, Java, Kotlin, C++, Elixir, Shell
Databases	MySQL, DynamoDB, PostgreSQL, Redis, ClickHouse, Elasticsearch, BigQuery
Frameworks	Django, FastAPI, Gin, Spring Boot, Ktor, Apache Flink
Cloud Platforms	AWS (S3, SQS, CloudWatch, Lambda), GCP
Tools	Docker, Git & GitHub Actions, CI/CD, Grafana, Apache Kafka

EXPERIENCE

Software Engineer I, *EkaCare, Bangalore*   **July 2023 – Present**

- Exposed APIs for partners (**Samsung & Medanta**) to integrate with ABHA services handling daily **20K** active users. Authored and maintained public developer documentation at developer.eka.care
- Opensourced [Eka MCP](https://developer.eka.care) servers to enhance the medication context efficiency upto **92%** for LLMs.
- Integrated **ABHA APIs** to enable seamless care context linking and health record retrieval from any HIP/HIU, processing **8K+** ABHA cards daily, enabling health record discovery flow.
- Improved step trends page load time by **75%** (from 7–8s to 1–2s), significantly improving user experience.
- Developed a scalable leaderboard for tracking step counts, optimizing ingestion for **10K+ requests/minute**.
- Integrated APIs from **1mg** and **Medpay** to facilitate medicine ordering and manage post-order flows.
- Automated ingestion of new drugs/OTCs from vendors, replacing manual ingestion (**1.5L initial load + 2K/month additions**). Enabled custom drug auto suggest for partners.
- **Tech: Python, Golang, Elasticsearch, MySQL, AWS**

Software Engineer, *KooApp, Bangalore*   **July 2022 – June 2023**

- Migrated media upload service from **AWS to GCP**, integrating GCS SDKs for upload, delete, copy, ACL, and signed URL functionality.
- Built analytics services for media uploads, ad consumption, rewards, and premium features; handled **25M+ events/day and 15K+ RPM**.
- Implemented event-driven profile view analytics handling **2K** requests per minutes.
- Developed multiple **Apache Flink pipelines** for ML-based content moderation and categorization—image extraction (**120 img/sec**), NSFW, fake news, toxicity, face recognition—enhancing search, personalization, and content integrity.
- Improved OTP delivery by analyzing recent vendor performance, improving overall performace from **96%** to **99%** increasing reliability and reducing latency.
- **Tech: Java, Kotlin, Spring Boot, MySQL, AWS, GCP**

Software Engineering Intern, *Koo, Bangalore*   **Jan 2022 – June 2022**

- Integrated **EasyOCR** for multilingual text extraction with high accuracy of **99.6%**; benchmarked against PyTesseract for precision of **98%** and speed.
- Fixed bugs and gained hands-on experience with new technologies and backend tools.