

PRATHAM S KORE

Mysore, Karnataka, India

📞 +91 7795042315 | 📩 pratham.sk333@gmail.com | 🤖 GitHub | 💬 LinkedIn | 🌐 Portfolio

EDUCATION

Indian Institute of Information Technology (IIIT)

B.Tech in Computer Science Engineering (CGPA: 8.8)

Aug 2023 – 2027

Kottayam, Kerala

EXPERIENCE

• Eka.Care

Software Development Engineer (Backend / Platform)

Dec 2025 – Present

Bengaluru, India

- **Event-Driven Architecture:** Orchestrated a complex ingestion pipeline for **Nucleus** triggered via **AWS SQS**, routing through parallel **Celery** tasks to **FastAPI** for model inference, managing state via **Redis** and broadcasting final results via **AWS SNS**.
- **Internal Tooling & Security:** Built a **Streamlit** application integrating **GitHub APIs** to benchmark datasets; deployed on a **Private VPC AWS EC2 instance** restricted via **VPN access** for strict enterprise security.
- **Open Source & Performance:** Contributed core functionalities to the **FHIR SDK** for healthcare interoperability and revamped the *karma-medieval* repository via lazy importing, achieving a **60% reduction** in initialization time.

• Soundverse.ai | Recommendation Letter ↗

Aug 2025 – Oct 2025

MLOps Engineer — DevOps & Backend Developer

New York, USA

- **Shark Tank Success:** Architected the **RVC Training**, **RVC Inference** pipelines, and **Enterprise API** demonstrated on national television, directly supporting the pitch that secured **INR 1.35 Crore** in funding.
- **High-Performance Compute:** Provisioned **Google Compute Engine** instances with **L4 GPUs** to deploy high-fidelity audio models, integrating **Azure Blob Storage** for efficient large-scale asset management.
- **Microservices & Orchestration:** Deployed the **Section Timestamp Model** and **Voice-to-Instrument** pipelines using **RabbitMQ**, **Celery**, and **Redis**, fully containerized with **Docker** and orchestrated on **Kubernetes**.
- **Production DevOps:** Streamlined asynchronous task chains for the **AI Song Generator**, ensuring **99.9% reliability** and seamless scaling for **1,000,000+ users**.

• Soundverse.ai

Mar 2025 – Jul 2025

Full Stack Web Developer

New York, USA

- **Scale & Monetization:** Launched the **AI Music Generation API** with **Stripe** for enterprise subscriptions, driving new revenue streams. Simultaneously refined core AI generation features serving a user base of **1,000,000+**.
- **Backend Optimization:** Spearheaded the **DNA** project, refactoring backend routes in **FastAPI** and **Next.js** to optimize database queries, significantly improving **SEO** rankings and organic traffic.

• Optacloud | Recommendation Letter ↗

Dec 2024 – Jan 2025

Full Stack Web Developer

Singapore

- **Real-Time Systems:** Implemented a collaboration platform serving **1,000+ users** with real-time video and chat capabilities using **GetStream.io** SDKs, **React**, and **Firebase**, significantly reducing latency compared to traditional WebRTC implementations.

• ConsultEd | Recommendation Letter ↗

May 2025 – Jun 2025

Full Stack Web Developer (Freelance)

Kerala, India

- **Business Impact:** Delivered a SEO-centric **Next.js Website** with **Sanity CMS**, driving a **1,000+ increase in Monthly Active Users (MAU)** and significantly boosting the client's business turnover rate.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, Go, JavaScript, TypeScript, SQL, NoSQL, HTML, CSS

ML / MLOps: TensorFlow, scikit-learn, NumPy, Pandas, RAG, SageMaker, Bedrock, MLflow, DVC, Elasticsearch, Celery, RabbitMQ

Platforms & Tools: AWS, Google Cloud, Azure, Cloudflare, Docker, Kubernetes, Linux, Git, GitHub Actions, Vercel, Firebase, Supabase, Grafana, Postman, Figma

Technologies: Node.js, React, Next.js, Express.js, FastAPI, MongoDB, PostgreSQL, MariaDB, MySQL, Redis, Tailwind, Framer, SEO

CERTIFICATIONS

AWS Certified Machine Learning – Specialty (MLS-C01) ↗

Aug 2025 – 2028

Amazon Web Services

- Validated advanced expertise in designing, training, and deploying production-grade ML solutions on AWS. Demonstrated ability to operationalize MLOps pipelines for security, scalability, and high availability.

AWS Certified Cloud Practitioner ↗

Jul 2024 – 2027

Amazon Web Services

- Proven knowledge of cloud architectural principles, security compliance, and Well-Architected solutions that optimize cost and performance.