

# Anubhav Pathak

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## Technical Skills

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**Languages:** Dart, TypeScript, C/C++, Kotlin, Java, Python, SQL

**Frontend:** Flutter, React.js, State Management (Provider, Bloc, Redux), MVVM, Clean Architecture

**Backend:** Node.js, Express, Django, Flask, Firebase, REST, GraphQL, Websockets, AWS (S3, EC2, Lambda)

**Databases:** PostgreSQL, MongoDB, Neo4J, Prisma ORM, Aurora, DynamoDB

**DevOps & Tools:** VSCode, Git, Github, BitBucket, Docker, Zookeeper, Jira, Postman

## Experience

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### Junglee Games

Aug 2024 – Present  
Bangalore, IN

#### SDE – Mobile

- Delivered the user-facing components of the **Smart Tips feature**, driving a measurable uplift of **+8.5% in average session time** and **+10% increase in daily sessions per user**, through close collaboration with the Product, Design and QA teams.
- Developed a **custom Flutter plugin** for multicaud payments with **LUHN + BIN validation** and **HyperSDK API integration** which was rolled out for 100% users.
- Refactored **40,000+ lines of legacy code**, migrating the critical withdrawal plugin from **MVC to Clean Architecture (BLoC)**, resulting in **3× faster page load times**.
- Optimized client-side tracking by removing **100+ duplicate click streams**, lowering network overhead and cutting infra costs.
- Pioneered **A/B Testing** of promotional banner designs, leading to a data-driven optimization strategy that increased **campaign revenue** by 7.8% and measurably improved user acquisition costs.

### CDAC

Jun 2024 – Jul 2024  
Chennai, IN

#### Full Stack Intern

- Executed migration of **200K+ records** from **MariaDB to PostgreSQL**, resulting in 40% faster query performance and 30% fewer cache misses in internal systems.
- Shipped a **Next.js application** supporting **50+ users and groups**, with centralized logging of **1K+ client messages** for audit and monitoring.
- Designed a responsive analytics dashboard using **MaterialUI** with interactive charts and **paginated tables for 10K+ rows**, accelerating analysts, insight generation and decision-making.
- Implemented **multilevel RBAC authentication** using **JWT and NextAuth**, allowing secure access for 7 distinct user roles across the system.

## Education

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Sep 2021 - Jun 2025 BTech (Computer Science and Engineering) at **SRMIST**, Chennai

(CGPA: 9.21/10.0)

## Projects

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**Thrive** (Flutter | Firebase | Vertex AI | Express | Neo4J | Prisma ORM)

Github Link

- Devised a storytelling engine for Serious Games using **Gemini (RAG fine-tuned)** to generate adaptive, choice-driven plots.
- Designed **graph-based story progression**, supporting **50+ branched narratives** with roll-back and alternate paths.

**Online KYC Verification Portal** (Next.js | WebRTC | LangChain | PostgreSQL)

Github Link

- Spearheaded a **real-time video KYC** system that supports **document capture** and **conversational verification** workflows.
- Deployed a functional POC in **48 hours** during a hackathon with a team of 4, showcasing rapid full-stack development.

## Achievements & Recognition

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- Received **Spot Award at Junglee Games** for impactful contributions to critical features, enhancing player engagement and product quality.
- Awarded a **Certificate of Appreciation by SRMIST** for leading a 3-member team in developing an e-commerce platform for a UAE-based company, recognized for innovation, collaboration, and technical excellence.