

Adhish Padmanabha Acharya

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EDUCATION

Sahyadri College of Engineering and Management

Bachelor of Engineering in Computer Science; CGPA: 8.61

Mangalore, Karnataka

Dec 2023 – June 2027

EXPERIENCE

Full Stack Developer Intern

Mar 2026 – Present

Kairalitrails

Hybrid

- Contributed to a full-stack **Travel ERP** built with **Next.js** and **Nest.js**, integrating **AWS Textract** with a **Dependency-Inverted** provider boundary and a **deterministic MRZ parser** (ICAO 9303) for reliable passport OCR.
- Identified a data-modeling flaw (passenger count $\neq$ voucher count) during code review and shipped a **one-click Excel export** that replaced a manual, error-prone process.

Full Stack Developer Intern

Aug 2025 – Dec 2025

Vithartha Consulting

Hybrid

- Built **Finance CRM** features end-to-end using a **Go** backend and **React/TanStack** frontend, shipped in an **Agile SDLC** tracked via ClickUp.

PROJECTS

SahyadriPrep [Live] [Code] | *Next.js, TypeScript, Supabase, PostgreSQL*

Nov 2025 – Jan 2026

- Built a full-stack **placement hub** serving **300+ active students**, aggregating distributed interview resources into a unified, searchable platform.
- Developed a **Multi-Format Ingestion Engine** and **Admin Dashboard** to manage company profiles and student placement data.

Sahyadri Coach - RAG Chat System [Demo] [Code] | *LangChain, Groq, pgvector*

Dec 2025 – Jan 2026

- Architected a **RAG-based assistant** for SahyadriPrep using **Groq, Gemini 2.0, and pgvector**, with a fault-tolerant pipeline processing **16+ videos/PDFs** and cutting research time by **10%**.

TECHNICAL SKILLS

Languages & Frameworks: TypeScript, JavaScript, Go, Next.js, React.js, Node.js, Nest.js, Express.js

AI/ML: LangChain, RAG Pipelines, Groq, Gemini API, pgvector

Databases & Infra: PostgreSQL, MongoDB, Supabase, AWS Textract, Vercel, Git

ACHIEVEMENTS

- Winner (1st Place)** | *GDG TechSprint Hackathon* Jan 2026
Built **SahyadriPrep**, an AI-native placement hub serving **300+ students**.
- 1st Runner Up** | *Infosys Project Showcase – Mangalore DC* Aug 2025
Developed **ArogyaPath**, an AI-Ayurvedic ecosystem recognized for innovation.
- Industry Expert Speaker** [View] | *SKBCO – Beyond Work Program* Mar 2026
Led hands-on session on **AI automation** for Chartered Accountants' office upskilling initiative.

POSITIONS OF RESPONSIBILITY

Programming Domain Lead | *Team Challengers, SCEM*

Feb 2025 – Nov 2025

- Mentored **50+ juniors** via Full Stack workshops and led a **12-member team (Technical Lead, Aerophilia 2025)** to build a registration platform processing **Rs. 50,000+** via Cashfree.