

Shashank

📞 8923695717

✉ bindalshashank.89@gmail.com

🌐 LinkedIn

🐙 GitHub

Summary

B.Tech IT student at RGIPT (**CGPA 9.02**) with production internship experience building AI SaaS platforms, RAG pipelines, serverless architectures, and cross-platform mobile apps using Next.js, FastAPI, AWS Bedrock, LangChain, Flutter, and Docker.

Education

Rajiv Gandhi Institute of Petroleum Technology (RGIPT)

Amethi, Uttar Pradesh

B.Tech in Information Technology **CGPA: 9.02**

Aug 2024 – Present

CBSE Class XII: **84.6%** Class X: **91%**

2023 & 2021

Work Experience

Software Engineering Intern (Full-Stack) | Myschord Pvt. Ltd. (QuizerAI)

Dec 2025 – Present

Remote

quizerai.com

QuizerAI — AI Quiz & Classroom SaaS Platform

Core Product

Next.js, FastAPI, AWS Bedrock, AWS Lambda, DynamoDB, LangChain, Redis, Docker, Recharts, JWT, OAuth 2.0

- Architected a multi-tenant **RBAC engine** (Student/Teacher/Admin) with subscription gating (Free/Go/Pro) across **3 privilege tiers**, enforcing generation quotas and assignment lifecycle controls.
- Shipped an end-to-end **RAG pipeline** using LangChain and AWS Bedrock with a vector-indexed knowledge base via **multi-instance Lambda serverless** architecture, scaling to **5,000+ concurrent users** at **40% lower latency**.
- Executed a **MySQL to DynamoDB** migration improving API response by **60%** and containerized microservices via Docker, cutting environment bugs by **90%** across dev/staging/prod.
- Built role-scoped **Recharts dashboards** surfacing real-time KPIs and integrated Google OAuth 2.0 with JWT-based session management and RBAC permission propagation.

gitaforyouth.com — Bhagavad Gita Certification Platform

QuizerAI Partner | ISKCON

Next.js, FastAPI, AWS Bedrock, AWS Lambda, MongoDB, LangChain, Redis, Recharts, Tailwind CSS

- Launched a **certification platform** with chapter-gated progression and Lambda-orchestrated PDF ingestion pipeline processing 18 chapters at **95%+ parse accuracy** into MongoDB.
- Designed an **NLP purport classifier** with semantic chunking cutting Bedrock token costs by **35%**, and implemented a **Redis TTL cache** reducing LLM calls by **70%**.

Projects

AlertyAI — Cross-Platform AI Task and Voice Scheduler

Jan 2026 – Present

🌐 alertyai.com 📱 [AlertyAi_apk](#)

FastAPI, MongoDB, Next.js, Flutter, Kotlin, Java, Zustand, JWT, Sarvam AI (STT/TTS), OCR Tesseract

- Engineered a cross-platform app with a **Flutter/Kotlin** Android client and **Next.js** web frontend hosted on alertyai.com, integrating **Sarvam AI STT/TTS** for **sub-2s** voice-to-task conversion, NLP subtask decomposition, and an auto-dispatch reminder scheduler achieving **60% friction reduction** and **50% planning overhead cut**.

IEEE Student Chapter Website | 🌐 ieeergipt.in 📱 [ieee_backend](#)

Aug 2025 – Present

Next.js, React, Three.js, Express.js, MongoDB, SendGrid, Canvas API, JWT, Tailwind CSS

- Deployed the official IEEE chapter platform with event registration, admin CMS, **Canvas API dynamic ID card generator**, and SendGrid pipeline serving **980+ members** with **500+ tracked sessions**.

Technical Skills

Languages: Python, C++, JavaScript, TypeScript, Java, Kotlin, SQL, HTML/CSS

Frontend & Mobile: React.js, Next.js, Flutter, Three.js, Recharts, Zustand, Tailwind CSS

Backend: FastAPI, Node.js, Express.js, REST APIs, GraphQL, JWT, OAuth 2.0, WebSockets

Cloud & DevOps: AWS Bedrock, AWS Lambda, DynamoDB, Docker, Kubernetes, CI/CD, Jenkins, Git

Databases: MongoDB, DynamoDB, MySQL, Redis, PostgreSQL

AI & ML: RAG, LangChain, Vector Search, Semantic Chunking, Sarvam AI, OCR, TensorFlow, NumPy, Pandas

Coursework & Achievements

Coursework: DSA, DBMS, OS, AI, ML, Computer Networks, Web Development

Achievements: **2nd Runner Up** Exergy IIT Kanpur | **Top 8** Azeotropy IIT Bombay | **IMO Level 2** Qualified | JEE Mains and Advanced Qualified

Positions of Responsibility

Aug 2025 – Present

Co-Head, Kode Club | S&T Council, RGIPT

Co-Head, CS Society | IEEE Branch, RGIPT

Co-Head,

Study Circle | Arpan Social Council, RGIPT