ABHISHAN FRANCIS

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SUMMARY

Motivated 2nd-year BTech student with a strong foundation in engineering fundamentals, problem-solving, and programming. Actively developing practical skills through academic projects, self-learning, and hands-on experimentation. Seeking internships and learning opportunities to apply theoretical knowledge in real-world scenarios and apply theoretical knowledge in real-world scenarios and contribute to impactful engineering solutions.

PROFESSIONAL EXPERIENCE

Engineering Projects & Experience

- Designed and implemented full-stack applications with a focus on AI, blockchain, and system reliability.
- Worked with LLMs, smart contracts, and web technologies to build secure and scalable solutions.
- Collaborated in team-based development using Git and GitHub.

PROJECTS

DocQA – Context-Aware Document Question Answering

- Built an AI-powered document Q&A system allowing users to query documents using natural language.
- Implemented Retrieval-Augmented Generation (RAG) with LLMs for accurate, context-aware answers.
- Supported PDF, TXT, Markdown, HTML, and live web URL ingestion.
- Designed a dual-panel UI with source highlighting, auto-scroll, and light/dark themes.
- Deployed a live production version accessible via the web.

BID System – Blockchain Identity Document System

- Developed a decentralized identity verification system replacing traditional ID documents with blockchain wallets.
- Implemented a BIDRegistry smart contract with role-based access control (Owner, Issuer, User).
- Ensured privacy-first design by storing only hashed personal information on-chain.
- Built issuer and verifier web portals and deployed on Polygon Amoy testnet and local Hardhat network.

SKILLS

Programming Languages: C,Java, Python, JavaScript, TypeScript
Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, System Design, Blockchain Fundamentals, Applied NLP

EDUCATION

Bachelor of Technology (BTech) – Computer Science Engineering With AIML

CHRIST (Deemed to be University) │ Kengeri Campus

Graduation: 2028
CGPA: 8.43 / 10.00 (Till 3rd Sem)

ADDITIONAL INFORMATION

- **Certifications:** Programming in C#, Python Programming, Introduction to Modern AI, Introduction to Data Science, AI Fundamentals (IBM SkillsBuild)
- **Achievements :**
    - Finalist, Explore and Evolve Hackathon (CHRIST University) – Blockchain Identity System.
    - Top 5 (out of 153 teams) in Mission UpSkill India Hackathon (HCL & GUVI) – AI Document Q&A System.
- **Interests:** AI systems, Web3 security, scalable software architectures