

Abhimanyu R B

Full Stack Developer | DevOps Engineer | Web3 Enthusiast

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Professional Summary

Full Stack Developer and Web3 Engineer with **4+ years of development experience** and **1+ year of production-level cloud infrastructure expertise**. Led critical government projects with 99.9% uptime, built decentralized applications showcased at ETHGlobal, and mentored **1000+ students**. **2,322+ GitHub contributions** across full-stack, DevOps, and blockchain projects.

Technical Skills

Languages: JavaScript, TypeScript, Python, C, SQL, Java, Kotlin, Solidity

Frontend: React.js, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS

Backend: Node.js, Express.js, RESTful APIs, JWT/OAuth Authentication

Databases: PostgreSQL, MySQL, Database Optimization & Migration

Cloud & DevOps: AWS (EC2, RDS, S3, Load Balancer, SES), NGINX, Docker, CI/CD, GitHub Actions

Web3 & Blockchain: Solidity, Smart Contracts, Ethereum, dApps, Web3.js, Ethers.js, IPFS

Tools: Git, VS Code, Linux (Arch), Postman

Education

Bachelor of Technology in Computer Science and Engineering

College of Engineering Karungappally, Kollam | Kerala, India

2022 - 2026 (Expected) | CGPA: 7.3/10 | Current: S7 (7th Semester)

Relevant Coursework: Compiler Design (Lex/Yacc), Artificial Intelligence & Machine Learning, Data Structures & Algorithms, Database Management Systems, Computer Networks, Operating Systems, Software Engineering

Professional Experience

Lead Backend Developer & DevOps Engineer | KDISC - YIP Project | Remote | Mar 2025 - Present

- Built and maintained AWS infrastructure (EC2, RDS, S3, Load Balancer) ensuring **99.9% uptime** for live government platform serving **25,000+ users**
- Designed CI/CD pipelines with GitHub Actions reducing deployment time by **40%**

- Executed database migration with **zero downtime**, improving system stability and query performance by **30%**

Full Stack Developer | Confident Group | Remote | Nov 2024 - Present

- Building production-grade full-stack application with optimized MySQL schema handling **10,000+ records**
- Deployed scalable architecture on Hostinger VPS with NGINX, improving response time by **50%**
- Implemented secure authentication and role-based access control for multi-tenant system

Frontend Developer | Eldii | Remote | Sep 2023 - Dec 2024

- Developed responsive React.js interfaces for healthcare platform serving **5,000+ patients**
- Translated Figma designs to pixel-perfect UI with **95% design accuracy**, improving user satisfaction
- Optimized frontend performance reducing load time by **35%** through code splitting and lazy loading

App Developer Intern | Brainspired Labs | Remote | Dec 2024 - Jun 2025

- Developed mobile app features using Kotlin and Android SDK with **100% crash-free rate**
- Implemented user authentication and data synchronization improving user retention by **25%**

Projects

YIP Government Website | AWS, Node.js, PostgreSQL | Live in Production

Led development of government website • Managed AWS infrastructure (EC2, RDS, Load Balancer) • 99.9% uptime

StarQuest | Solidity, Ethereum, React.js | ETHGlobal Showcase

Decentralized space exploration platform with smart contracts and NFT rewards • [Link](#)

ContribProof | Solidity, Ethereum, Web3.js | ETHGlobal Showcase

Proof-of-contribution system with blockchain verification • [Link](#)

ResearchQuest | React, TypeScript, Firebase | Live

AI research platform with multi-API integration (CORE, arXiv, Europe PMC) • [Link](#)

Global Fire Safety System | Python, ML (BERT, CatBoost)

Fire detection using satellite imagery and machine learning

Achievements

- **ETHGlobal Showcases:** Featured projects StarQuest (Web3 gaming) & ContribProof (blockchain verification)
 - **Hackathon Awards:** HackLeague — Second Prize | AIthon — Second Prize
 - **Open Source:** 2,322+ GitHub contributions with consistent development across full-stack and blockchain projects
 - **Production Impact:** Managing live government website with 99.9% uptime serving 25,000+ users
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Leadership & Community

Community Lead, ToByaaG | 2024 - Present

- Organized **10+ technical workshops** on Web3, full-stack development, and DevOps, mentoring **50+ students**

Campus Lead, TinkerHub CE Karunagappally | 2023 - 2024

- Led tech community of **100+ members**, increased engagement by **150%** through events and projects
- Mentored **1000+ students** in tech domain across web development, programming, and open source

Chief Financial Officer, IEDC | 2023 - 2024 | **Core Team**, GDSC | 2022 - 2023

Additional Information

Web3 Expertise: Building dApps with various protocols, DeFi development, smart contract development

Languages: English (Fluent), Malayalam (Native)

Availability: Open to internships and part-time opportunities

Interests: AI/ML integration in Web3, quantum computing, decentralized solutions for social impact

Last Updated: November 2025