

Md Kaif

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About me

Full-stack software engineer and IIT Delhi CSE graduate with hands-on experience in the architecture, design, and development of scalable, distributed systems. Proven track record of owning end-to-end software delivery across travel-tech, healthcare, and fintech domains. Highly proficient in Node.js, React.js, PostgreSQL, and cloud-based architecture, with a strong focus on building secure APIs, continuous delivery pipelines, and reliable integration solutions in Agile/Scrum environments.

Skills

- Languages & Frameworks: Node.js, JavaScript, TypeScript, React.js, Next.js, C++, Python
- Architecture & APIs: RESTful APIs, System Design, Microservices, Distributed Systems, Web Services Integration
- Databases: PostgreSQL, SQL, Redis, Schema Design, Query Optimization
- DevOps & Cloud: CI/CD Pipelines, Docker, AWS (S3, Amplify), GitHub Actions, Cloud-based Architecture, TDD
- Engineering Practices: Agile/Scrum Methodologies, Cross-functional Collaboration, Requirement Gathering

Experience

Tint Remote
Founding Engineer (Remote) April 2026 - Present

- Owned all aspects of software development for a live distributed platform, driving hands-on architecture, database design (PostgreSQL), and cloud deployments (AWS) to deliver highly reliable web services.
- Designed and developed robust API integration solutions, incorporating async processing and Redis caching to optimize system performance and manage high-volume requests.
- Partnered with stakeholders and product owners to gather requirements and architect a secure, three-principal authentication system (JWT, TOTP 2FA, encrypted data handling) adhering to strict security and governance standards.
- Built automated workflows and integration pipelines, leveraging modern APIs and cloud infrastructure to ensure continuous delivery and scalable architecture.

2070 Health Remote
Full Stack Developer (Contract) January 2026 - April 2026

- Delivered full-stack healthcare technology solutions in a rapid application development environment, improving platform performance by 40% for 10,000+ active users.
- Led the integration of complex third-party APIs including Razorpay (payment processing) and Salesforce CRM, mapping business requirements to technical architecture.
- Strengthened DevOps practices and deployment pipelines; proactively audited cloud environments and resolved a critical Docker misconfiguration to prevent production downtime.

Kuzushi Labs Remote
Freelance Software Engineer November 2025 - March 2026

- Developed and deployed multiple frontend applications using React.js, modern JavaScript frameworks, and REST API tie-ins.
- Collaborated with clients to gather requirements, translating business needs into performant, scalable user interfaces while ensuring on-time delivery.

Projects

newsforge (Autonomous AI News Digest Agent)

May 2026

- Built a scalable automation pipeline utilizing Node.js and API integrations to aggregate, process, and structure large volumes of daily data.
- Applied software engineering best practices including modular design, comprehensive error handling, and structured data output.

git-newspaper (Victorian Broadsheet CLI from Git History)

April 2026

- Designed and engineered an open-source CLI tool built on Node.js/TypeScript that processes complex Git histories into structured analytical outputs.
- Implemented robust local data processing pipelines with zero external dependencies, emphasizing system reliability and high performance.

CipherLens (Classical Cipher Identification via ML)

October 2025 – April 2026

- B.Tech capstone: 3 models (Hybrid CNN, char-level DL CNN, two-stage XGBoost) trained on 550k samples; 79.24% accuracy identifying 22 cipher types from raw ciphertext. Full stack: FastAPI + PyTorch + Next.js 16 + Docker Compose.

Education

Indraprastha Institute of Information Technology, Delhi | B.Tech, Computer Science and Engineering

November 2022 – April 2026

Ahlcon International School | 12 Grade, CBSE

March 2012– March 2021

Certifications

Qiskit Global Summer School, IBM Quantum Computing 2024; selected for competitive international quantum ML program