

Husain Hakim

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Professional Summary

Backend Developer with 1 year of experience in the EdTech industry, skilled in building REST APIs and working in both startup and enterprise environments. Strong team collaborator with the ability to work independently, focused on continuous learning and delivering reliable backend solutions.

Technical Skills

Programming Languages: Python, JavaScript, C++
Backend Technologies: Node.js, Express.js, Django, FastAPI
Databases: MongoDB, SQL, Firebase
Testing & Automation: Selenium, Cypress, JMeter, Postman
Developer Tools: Git, GitHub, Jenkins, VS Code, OpenCV

Experience

Backend Developer Sept 2025 – Present

LetsUpgrade Edtech Pvt Ltd

- Migrated 30+ MongoDB Atlas Triggers to Node.js-based event-driven services, **reducing infrastructure costs by up to 95%** while improving scalability and maintainability
- Developed and maintained backend services for a large-scale platform comprising **500+** REST APIs, serving **10M+** MongoDB documents.
- Participated in client discussions, translated requirements into development tasks, and implemented backend features accordingly.

Education

Bachelor of Technology in Computer Science Aug. 2023 – May. 2027

ITM Skills University

Projects

Terminal Portfolio OS | *React.js, Vite, TailwindCSS, Framer Motion* | husainhakim.vercel.app

- Engineered a fully interactive UNIX-style terminal portfolio featuring a custom command parser, autocomplete engine, aliases, and persistent command history.
- Implemented technical SEO using semantic HTML, JSON-LD structured data, sitemap generation, Open Graph metadata, and crawlable content layers to improve search engine visibility of a JavaScript-driven application.

SmartZone | *React.js, Node.js, Express.js, MongoDB* | delivery-clustering.vercel.app

- Built a full-stack logistics platform using React, Node.js, Express.js, and MongoDB with Union-Find (DSU) based clustering for delivery zone optimization.
- Developed interactive maps and analytics dashboards with secure authentication using JWT, Google OAuth, and OTP verification.
- Optimized dynamic clustering logic using DSU to efficiently manage real-time delivery zone grouping.

Food Delivery Platform | *MERN, JMeter, Cypress, Selenium, Jenkins* | github.com/husainhakim/Food-Del

- Built a full-stack food delivery platform with secure authentication, real-time order tracking, REST APIs, and an admin dashboard to manage food items and live orders
- Implemented automated UI, end-to-end, and performance testing using Selenium, Cypress, and JMeter, integrated with Jenkins CI/CD to execute test pipelines on every build.

Others

Competitive Programming: 180+ LeetCode Problems Solved, HackerRank 5 (Python & Java)

Certifications: MongoDB University, Advanced Selenium (LambdaTest), Java Programming (Great Learning)

DevOps & Testing: Jenkins CI/CD, JMeter, Cypress, Selenium, REST API Testing with Postman

Positions of Responsibility: Organized three hackathons with a prize pool exceeding Rs. 6,85,000; Mentor at ITM Buildathon 3.0;

Interests: Backend Engineering, System Design, Distributed Systems, Open Source