

Mohamed Hajith

Full-Stack Software Developer | Backend Systems & DevOps

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PROFESSIONAL SUMMARY

Third-year BICT (Hons) undergraduate building full-stack applications, secure REST APIs and database-backed systems. Led a four-developer MERN team and contributed a merged PostgreSQL/Express integration PR to an academic team project. Experienced with Docker Compose, automated testing, GitHub Actions CI/CD and collaborative code reviews.

TECHNICAL SKILLS

Languages & frontend: TypeScript, JavaScript, Java, PHP, SQL, Python (fundamentals); React, Next.js, HTML/CSS, Redux, Tailwind CSS

Backend & APIs: Node.js, Express.js, NestJS, Spring Boot, REST/JSON, HTTP, JWT, role-based access control, Socket.IO

Databases & design: PostgreSQL, MySQL, MongoDB, Prisma, PL/pgSQL, ACID transactions, OOP, MVC, SQL constraints

DevOps & testing: Git/GitHub, pull requests, code reviews, Docker, Docker Compose, GitHub Actions, Playwright, Vitest, Postman, deployment fundamentals

SELECTED PROJECT EXPERIENCE

Saga Elite – E-Commerce Platform | Full-Stack Team Lead (4 developers)

[GitHub](#)

React, Redux, Node.js, Express, MongoDB, JWT, Socket.IO, Playwright, GitHub Actions

- Led a four-person team through development and deployment of a MERN storefront and role-based admin platform for product, order, inventory, and review workflows.
- Integrated REST APIs, real-time notifications, OCR-assisted payment checks, optional AI review moderation, and CI-backed end-to-end testing.

BloodBridge – Academic Donation Operations System | Database & Integration Contributor

[Merged PR](#)

PostgreSQL 16, PL/pgSQL, Express.js, React, Socket.IO, Docker Compose, GitHub Actions

- Contributed a merged integration PR covering modular backend contracts, donor intake, institution-scoped access, SQL migrations, and real-time event workflows.
- Implemented transaction-safe stored procedures and row locking for blood-unit transfers; added regression tests and PostgreSQL/Docker CI checks.

BenchBook – Lab Resource Reservation | Independent Developer

[GitHub](#)

Next.js, TypeScript, PostgreSQL, Prisma, Vitest, Docker, GitHub Actions

- Built multi-role booking and maintenance workflows; enforced overlapping-booking prevention in PostgreSQL and added automated unit/integration testing.

HZ Labs – Portfolio & CMS | Independent Full-Stack Developer

[Live](#)

Next.js, TypeScript, NestJS, Prisma, REST APIs, Swagger, Cloudinary

- Developed and deployed a Next.js website and NestJS backend with authenticated CMS, media uploads, API documentation, GitHub data integration, and analytics.

TechBridge – Opportunity & Resource Platform | Full-Stack Project Contributor

[GitHub](#)

React, TypeScript, Express.js, MongoDB, JWT, GitHub Actions

- Built multi-role opportunity/resource workflows and contributed authorization fixes, concurrent approval safeguards, and collaborative PR-based development.

Shoe Bank – Business Management System | Independent Developer

[GitHub](#)

PHP 8, MySQL, MVC, Docker, Tesseract OCR

- Developed a Dockerized inventory, invoicing, credit-ledger, and financial reporting system with OCR-assisted invoice/cheque processing.

EDUCATION & TRAINING

Bachelor of Information and Communication Technology (Honours) – BICT (Hons) | University of Ruhuna, Faculty of Technology

Year 3 | Graduation: 2027 (expected) | Full-Stack Bootcamp (completed) | Azure AZ-900 (studying)