

Shad Bin Abi Aydid

Full Stack Developer | React, Next.js, Node.js, TypeScript

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PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of commercial experience building and shipping production web applications with React, Next.js, TypeScript, Node.js and Express.js, including a full-stack Next.js booking platform at CLS UK Services. Skilled in RESTful API design, PostgreSQL with Prisma ORM, and secure authentication with role-based access control, backed by an MSc in Cybersecurity from the University of Portsmouth. Open to full-time Full Stack Developer roles in the UK.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3

Frontend: React, Next.js (App Router, Server Components), Tailwind CSS, shadcn/ui, Responsive Design

Backend: Node.js, Express.js, RESTful APIs, Better Auth, JWT, OAuth 2.0 (Google), Zod

Databases: PostgreSQL, Prisma ORM, MongoDB

Cloud & Tools: Git, GitHub, Vercel, Render, Linux (Ubuntu), Nginx, Firebase, Cloudinary, Postman

Security: Authentication & Authorisation, Role-Based Access Control (RBAC), Input Validation

PROFESSIONAL EXPERIENCE

Web Developer

Jul 2023 – Present

CLS UK Services | Slough, United Kingdom | Full-time

- Develop and maintain the CLS Airport Meet & Assist booking platform, a full-stack Next.js application handling around 20 bookings a week, with automatic pricing, PDF confirmations and email notifications.
- Built its admin panel for managing bookings, airports, services and B2B clients, backed by API routes for bookings, pricing, airports, hotels and vehicles.
- Designed, built and deployed the company website using React, Next.js and Tailwind CSS, including a quote-request form backed by a server-side API route.
- Deploy and maintain production applications on Vercel and a self-managed Ubuntu server running Nginx.
- Act as the primary IT support contact, resolving around 10 technical issues a week across network connectivity, user authentication, Datto backup systems and Windows OS.

Graduate Teaching Assistant

Feb 2020 – Jul 2020

Bangladesh Army University of Science and Technology (BAUST) | Saidpur, Bangladesh | Full-time

- Delivered lectures and hands-on lab sessions in C Programming, Cryptography and Computer Architecture to cohorts of 45–50 undergraduate students.
- Designed and administered coursework and assessments across core CSE modules, providing structured feedback that drove measurable student improvement.

PROJECTS

TutorNest – Tutoring Marketplace

Live | GitHub

Tech stack: Next.js, React, TypeScript, Express.js, PostgreSQL, Prisma, Better Auth, Cloudinary, Tailwind CSS

- Built a three-role tutoring marketplace (Student, Tutor, Admin) with tutor search and filtering, a full booking lifecycle and post-session reviews.
- Solved cross-domain authentication by proxying the Express API through the Next.js domain to keep session cookies first-party, and enforced account blocking at both login and API level.
- Added direct-to-Cloudinary uploads with face-centred cropping; deployed on Vercel, Render and Neon.

StackScribe – Blog Platform

[Live](#) | [GitHub](#) | [API Docs](#)

Tech stack: Next.js, Express.js, TypeScript, PostgreSQL, Prisma, Better Auth, shadcn/ui

- Architected a dual-service application: a server-rendered Next.js frontend and a separate Express.js RESTful API.
- Implemented Google OAuth, transactional email verification, a role-based admin dashboard with analytics and Cloudinary image optimisation; documented the full API in Postman.

Vehicle Rental Management System

[Live API](#) | [GitHub](#) | [API Docs](#)

Tech stack: Node.js, Express.js, TypeScript, PostgreSQL, JWT, Zod

- Designed and deployed a RESTful API using atomic PostgreSQL transactions to keep vehicle availability consistent under concurrent booking requests.
- Secured with bcrypt password hashing, JWT authentication, Zod schema validation and role-based access control for Admin and Customer roles; documented in Postman.

EDUCATION

MSc Cybersecurity & Forensic Information Technology

Feb 2021 – Jun 2022

[University of Portsmouth](#) | Portsmouth, United Kingdom

Research: obtaining forensically admissible evidence from a wearable IoT device (smartwatch); assessing a cyber security framework for a national land registration system.

B.Sc. Computer Science & Engineering

Nov 2015 – Dec 2019

[Bangladesh Army University of Science and Technology](#) | Saidpur, Bangladesh

Research: review of computer-aided diagnosis techniques for prostate cancer detection, covering machine learning and medical imaging approaches.

CERTIFICATIONS & TRAINING

- **React – The Complete Guide** (incl. Hooks, React Router, Redux) – Udemy
- **Frontend Development Industry Training** – Brainnest
- **Software Development Bootcamp** – HyperionDev
- **Skill Development for Mobile Game & Application Project** – ICT Division, Bangladesh (Gov. Certified)

ACHIEVEMENTS

- **Academic Excellence:** 2nd position in the final B.Sc. result and 1st position in the 3rd, 4th and 5th semesters at BAUST; awards presented by the Vice Chancellor and the General Officer Commanding, Bangladesh Army.
- **BAUST CSE FEST:** 3rd place in the university-level competitive programming contest.