RocketDevs

<NEW JOB BRIEF>

The Brief: Overviews

<0> Base Overview
📋 Job role and interview date

Client: RadBox (radboxofficial.com).
Job Role: Full Stack Engineer (Junior Developer) - Part-Time
Scheduled Interview Time: Wednesday, January 29th, 2026 @ 7:00 PM UK Time.

<1> Client Overview
📋 Details about the client and their product

Industry: EdTech / Medical Education / Professional Training.
Stage: MVP Stage (Pre-Seed) - Prototype Live on Vercel.
Team: Solo founder (Athul Nair, Radiologist based in London, UK).
Product: RadBox is a modernized educational platform designed to help medical professionals prepare for high-stakes exams (e.g., FRCR2A - Radiology qualification). The platform aims to replace outdated, clunky educational websites with a sleek, gamified learning experience featuring live leaderboards, live chat, and structured course delivery. Target market: Medical professionals pursuing certifications and continuing education (exam preparation courses cost £300-400+).
Tech Stack:
- Frontend: Vercel v0 (AI-coded prototyping)
- Current state: ~80% functionally complete MVP
- Founder has graphic design background (Adobe Illustrator, Cinema 4D) but minimal coding experience

<2> Developer Level Required
📋 Experience and core components

Talent Level: Junior (L1) to Early Mid-Level (L2).
Talent Level Key Aspects:
- Technical depth: Strong foundational full-stack knowledge to audit, secure, and productionize existing codebase
- Ownership mindset: Comfortable working with founder who is non-technical and learning alongside you
- Security & robustness focus: Must ensure proper authorization, security practices, and no code breakages as the platform scales

<3> Scope of Work
📋 What is the overall expectation

- Code audit & security assessment – Review entire codebase built via Vercel v0, identify security gaps, authorization issues, and robustness concerns
- Architecture review – Ensure the codebase is production-ready and well-structured for future feature releases
- Bug fixes & optimization – Fix any existing issues, optimize performance, ensure scalability
- Security hardening – Implement proper authentication, authorization, data validation, and protection mechanisms
- Deployment preparation – Ensure application is ready for production launch with monitoring and error handling in place
- Documentation – Document the codebase, setup process, and deployment procedures for future developers

The Brief: Role Expectations

<4> Key Responsibilities
📋 What does the day-to-day initially look like

- Conduct thorough technical audit of the existing MVP (built via Vercel v0)
- Identify and remediate security vulnerabilities, authorization gaps, and architectural concerns
- Refactor and optimize code for scalability and maintainability
- Implement proper testing, error handling, and monitoring
- Set up CI/CD pipelines if not already in place
- Advise founder on technical decisions and product roadmap

<5> Success in 90 days
📋 Milestones & initial targets

- 30 days: Security audit complete, critical vulnerabilities identified and prioritized
- 60 days: Major refactoring completed, codebase deemed production-ready, deployment pipeline tested

<6> Optional / Nice to Have
📋 Extras

- Experience with medical/educational tech platforms (not required, but valuable context)
- Familiarity with Vercel, Next.js, or modern JavaScript frameworks (likely to be the current stack)
- Experience implementing gamification features (leaderboards, user engagement systems)
- Real-time features (live chat, notifications) – likely already built but needs review
- Analytics & reporting dashboards
- Content management system (CMS) knowledge for course delivery structure

The Brief: Notes From The Client

<7> I Need Someone Who is
📋 Clients specific needs

- Independent & autonomous – Founder is non-technical; you'll need to own technical decisions and recommendations
- Security-conscious & detail-oriented – This is medical education; data privacy and security are paramount
- Patient communicator – Founder is transitioning from radiologist to founder; needs clear explanations of technical concepts
- Adaptable to non-linear timelines – Comfortable with phased work: initial sprint → pause → feature releases as needed
- Proactive problem-solver – Don't just identify issues; propose solutions and trade-offs

<7> Interview Format
📋 Details about the upcoming interview

Interviewer(s): Athul Nair (Founder/Client).
Focus:
- Technical depth: Can you architect & secure a codebase built via AI-aided prototyping?
- Communication: How do you advise non-technical founders on technical trade-offs?

Mandatory Work Compliance

<->
- The hired Candidate shall utilize the **Time Doctor** application for the purpose of time tracking and productivity monitoring throughout the duration of the engagement.
- All work hours must be accurately recorded within Time Doctor during active work sessions.
- Screenshots, activity reports, and related data generated by Time Doctor shall serve as the official record of attendance and productivity.
- Non-compliance with the use of Time Doctor, including failure to log hours or disabling the application, may result in withholding of payments and/or termination.

Your Preplist

<a> Presentation

Test Your Setup →

Camera
Mic
Internet Connection

1st Impressions Matter →

Look the part
Present yourself confidently
Use a virtual background

<b> Project Discussion

Be Ready to Discuss The Following →

- Your experience with code audits, security hardening, and productionizing MVP prototypes
- How you've worked with non-technical co-founders or stakeholders before
- Your approach to testing, documentation, and code quality
- Experience with Vercel, Next.js, or AI-assisted development tools (Cursor, Replit, v0, etc.)

Ask Questions →

Prepare 2–3 questions to ask the client

Any Questions? We're here to help.

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🌐 www.rocketdevs.com 💬 Reply to your recruiting contact