Front-end & Scalability Intern

If you're drawn to the dynamic world of entrepreneurship and startups, Startup Greece offers an ideal environment for you to flourish. Here, your passion for innovation and your entrepreneurial spirit will find fertile ground, as you collaborate with like-minded individuals and contribute to the vibrant startup ecosystem.

About the Role:

We are seeking a highly driven Front-end Intern to join our team and contribute to the development and scaling of the company. In this role, you'll focus on building performant, modern interfaces, optimizing data flows, and integrating caching to ensure our users have the fastest, most reliable experience possible. You will collaborate with backend engineers, and product managers to deliver a production-ready solution with the capacity to scale efficiently.

Responsibilities:

- **Complex Feature Development**
  - Design, implement, and refine reusable frontend components using **React** (React 18+ preferred), **Next.js 15**, **Tailwind CSS v4**, and **shadcn** (or similar UI libraries).
  - Integrate **Redis** for caching purposes, ensuring robust data flow and minimal load times.
- **Application Performance & Scalability**
  - Optimize routing using advanced Next.js features (code splitting, SSR/SSG, lazy loading).
  - Conduct performance tests (Chrome DevTools, Lighthouse) to identify bottlenecks and maintain top-tier application speed and efficiency.
  - Leverage Redis to handle high-throughput data, reduce latency, and ensure fast response times at scale.
- **API Integration & Architecture**
  - Collaborate with backend engineers to integrate multiple APIs, handling edge cases and errors gracefully.
  - Assist in designing data schemas and caching strategies for improved reliability and scalability.
  - Document the architecture for future contributors, maintaining technical clarity.
- **UI/UX Collaboration**
  - Work closely with designers to ensure the application's look and feel is visually appealing, consistent, and user centric.
  - Create prototypes in collaboration with the product team, iterating on user feedback to refine the design experience.
- **Team Collaboration & Project Management**
  - Use **GitHub** for version control, code reviews, and pull requests.
  - Participate in **Jira** (or similar) agile sprints, ensuring efficient task management and timely deliverables.
  - Communicate cross-functionally to align on product vision, deadlines, and complex technical requirements.
- **Mentorship & Knowledge Sharing**

- Provide insights and best practices on caching, frontend performance, and architecture within the team.
- Contribute to internal documentation and wikis to help future developers ramp up quickly.

Requirements:

- **Education**
  - Pursuing or completed a Bachelor's (Bac+4 equivalent) or higher in Computer Science, Software Engineering, or a related field.
- **Technical Skills**
  - Proficiency in **JavaScript/TypeScript** (ES6+).
  - Hands-on experience with **React** and **Next.js** (version 15 preferred).
  - Knowledge of **Redis** or other caching solutions.
  - Familiarity with **Tailwind CSS** (v4), **shadcn**, or other UI libraries.
  - Understanding of both **server-side** and **client-side** rendering paradigms.
- **Tools & Methods**
  - Comfort using **GitHub**, **Jira**, and **Figma**.
  - Ability to write clear, concise, and maintainable documentation.
- **Soft Skills**
  - Excellent communication and teamwork abilities.
  - Strong problem-solving mindset with a focus on efficiency and scalability.
  - Eagerness to learn, adapt, and tackle complex technical challenges.

Nice-to-Haves:

- Background in **Node.js** for backend development.
- Experience with Docker or containerized deployments.
- Familiarity with microservices architecture or other scalable patterns.
- Portfolio or GitHub repository showcasing complex projects.

Additional Information:

The **minimum** duration for an internship is **six months**, with a **maximum** of **twelve months**. This extended duration allows interns to immerse themselves fully in our operations, gaining a comprehensive understanding of our work before concluding their internship.

Interns should currently be enrolled in a bachelor's or master's program at a university, or have completed their degree within the past year. Please note that interns are required to bring their own laptops. Kindly be advised that this internship is unpaid.

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