Adnan Hamdan

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PROFILE

Software Developer (B.Sc. Computer Science) specializing in front-end and back-end development. Delivers robust, scalable applications from concept to deployment, with a focus on performance, security, maintainable code and expertise in low-level programming using C.
Multilingual professional - English & Swedish (Professional), Arabic (Native).

EXPERIENCE

Techseed   **Karlstad, Sweden**
Front-End Developer (Graduation Project)   Dec 2024 - June 2025
- Contributed to the planning and system design of a machine-logging platform for monitoring machines.
- Collaborated with the backend team to integrate RESTful APIs, ensuring seamless data flow and consistent state management across the platform.

PROJECTS

- **EasyBank - React, Node.js, MongoDB, Socket.io, JWT**
  - Developed a full-stack banking platform featuring Role-Based Access Control (RBAC) and secure JWT authentication.
  - Integrated **Socket.io** for real-time balance updates and designed a RESTful API for 10+ financial endpoints.
- **Amber - React, GSAP, Tailwind CSS**
  - Leveraged GSAP to build complex, responsive animations, ensuring a seamless and engaging user experience across different screen sizes.
  - Utilized Tailwind CSS to implement a modular design system, ensuring consistent styling and mobile-first responsiveness.
- **Ink & Insight - Angular, ASP.NET Core, PostgreSQL, SignalR**
  - Built a feature-complete CRUD application in 6 days (as part of a 14-day evaluation), demonstrating rapid stack-switching and delivery.
  - Implemented SignalR for live data streaming and utilized Entity Framework Core for robust database management.

SKILLS

Programming Languages	**Technologies & Tools**
JavaScript (ES6+), C#, C,	React, Node.js, Angular, .NET Core
HTML5, CSS3, SQL (PostgreSQL/MySQL)	MongoDB, REST APIs, SignalR, Socket.io
	Docker, Git, Agile/Scrum, Tailwind, Bootstrap

EDUCATION

Karlstad University   **Karlstad, Sweden**
Bachelor of Science in Computer Science.   Aug 2022 – June 2025 (Graduated)