

Adnan Hamdan

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Profile

I am a patient, practical, and committed problem-solver with a genuine passion for programming. I enjoy working with technical challenges, whether in academic projects, personal work, or potential future employment.

I have a strong ability to quickly learn new programming languages, frameworks, and technologies with a solid understanding of programming logic and problem-solving. I adapt quickly to new technical environments.

I am now ready to take the next step and contribute to your team with my skills and willingness to grow.

Education

Karlstad University

Bachelor's Programme in Computer Science

Aug 2022 – June 2025 (completed; pending final statistics/math exam)

NTI High School, Karlstad

Technology Programme – Information and Media Technology specialization

Aug 2019 – June 2022

Skills & Competencies

Programming & Frameworks:

JavaScript (Node.js, Vue.js, React.js), HTML, CSS, Bootstrap

C#.NET (Windows Forms, XML), Java (Android), Python, PHP

C, MIPS Assembler

Databases:

MySQL / PHPMyAdmin, MongoDB

Other Technical Skills:

Linux-terminal, Data structures and algorithms, operating systems, GUI-design, software engineering cybersecurity

Work Experience

I have not yet held a formal job, as I have recently completed my studies. However, during my academic years I have worked on several practical projects that have given me hands-on experience in programming, teamwork, and problem-solving. These experiences helped me develop a structured work approach, a sense of responsibility, and the ability to deliver solutions on time.

Project Experience

Bachelor Thesis – "Machine Maintenance Logging Tool"

2025, Karlstad University

- Developed a web-based platform for interactive machine maintenance logging
- Worked on frontend (HTML, CSS, JavaScript) and backend (Node.js, MongoDB)

Android Activity Tracking App (Group Project – Software Engineering)

2024, Karlstad University

- Designed and developed an Android app for monitoring physical, psychological, and social activities
- Used Java, XML, and some Kotlin

Restaurant Booking System (GUI Project)

2023, Karlstad University

- Developed a web-based booking system using HTML, CSS, JavaScript, and Bootstrap

Traffic Light System in MIPS (Computer Systems Engineering)

2023, Karlstad University

- Created a traffic light simulation using MIPS assembler

C#.NET Projects – Windows Applications

2025, Karlstad University

- Developed a calculator, text editor, and a business management system
- Used C#.NET, Windows Forms, XML, and local database

High School Project – "AI"

2022, NTI Gymnasiet

- Created an informational website explaining the basics of artificial intelligence
- HTML, CSS, JavaScript, Node.js, MongoDB

Real Estate Website (Web Development 2)

2022, NTI Gymnasiet

- Developed a web application for property listing and rental
- HTML, CSS, JavaScript, Bootstrap, Vue.js, Node.js, MongoDB

Languages

Arabic – Native language

Swedish – Good knowledge

English – Good knowledge