# HASSAN HUSSIN

**COMPUTER ENGINEER**

## PROFILE

IT consultant and educator with a background in computer engineering from Lund University of Technology. Experienced in software development, AI, cloud technologies, and adult education. Proven ability to simplify complex technical topics and deliver real-world solutions in web development and AI. Passionate about innovation, learning, and empowering others through technology.

## TECHNICAL SKILLS

- Programming Languages: **C#, Python, Java, Swift, C++**
- Web Development: **React, Vue.js, HTML, CSS, JavaScript, Typescript, Node.js**
- Databases: Oracle, SQL Server, **MongoDB**
- Software Development: **.NET, Object-Oriented Programming (OOP), Agile Practices**
- Cloud Computing & DevOps: **Cloud services, Azure, AWS, Docker, CI/CD Pipelines**
- Networking: Network Protocols & Communication
- AI & Machine Learning: **TensorFlow, YOLO, OCR, Computer Vision, LLM, NLP**

## LANGUAGE PROFICIENCY

- English 100 %
- Swedish 100 %
- Arabic 100 %
- Danish 50 %

## CONTACT

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**LinkedIn**

## WORK EXPERIENCE

**Educator Consultant - Software Development (Consulting Role)**

***Newton kompetensutveckling Yh | 2024 - present***

- Delivered lectures and hands-on training in .NET, OOP, front-end development, and databases.
- Designed course plans and supervised student projects.
- Bridged academic teaching with real industry practices.

**Educator Consultant, Mathematics (Consulting Role)**

***Newton kompetensutveckling Yh | 2023 - present***

- Taught mathematics to adult learners in civil and construction engineering programs.
- Adapted materials for various learning needs and supported student success.

**Freelance Consultant – AI & Web Development (Consulting Role)**

***Bilcleaniken AB | 2024 – Present***

- Built the company website using React and Node.js.
- Developed an AI service with Python and TensorFlow for automatic identification and management of new Tesla vehicles.
- Integrated OCR and image recognition to streamline vehicle intake.

**Software Engineer – AI & Machine Learning Thesis**

***Hulo IT, 2024 - 2024***

- Created an AI microservice for intelligent invoice data extraction with 93% accuracy.
- Used OCR, NLP, and TensorFlow to automate document processing.
- Improved document recognition efficiency by 50%.

**Lund University of Technology**

***Project Manager in ETSF20 Software Development for Large Projects***

- Led a 25-member student team to deliver a full-scale software product.
- Ensured project progress, collaboration, and quality delivery.

## EDUCATION

**Lund University of Technology**

***Master of Science in Computer Engineering, 2026***

**Lund University of Technology**

***Bachelor of Science in Computer Engineering, 2024***

- ***Thesis: Intelligent Invoice Interpretation: Developing an AI-Powered Microservice for Automated Data Extraction***