

# AHMAD ASHRAF ALSADIQ

Software engineer

## CONTACT

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## EDUCATION

### Bachelor of Computer science

2019-2024

## SKILLS

- Problem solving
- Communication
- Project management
- Teamwork
- Leadership

## CERTIFICATIONS

AWS Certified Cloud Practitioner

## TOOLS

- Git (version control)
- Flowise (Low code tool)
- pinecone (Vector database)

## LANGUAGES

- English
- Arabic

## ABOUT ME

I'm a computer science student at King Feisal University in Al Ahsa. I've always been interested in technology and the ways it can be used to make our lives easier and more efficient. I'm particularly interested in software development, emerging technologies, and AI. I enjoy working on projects that challenge me to think creatively and solve complex problems.

## QUALIFICATION

- Web Development using PHP, Java script, HTML & CSS, .Net Core
- Database design & programming
- Object oriented design & development using Java
- Software engineering
- Scrum Agile methodology
- Project management
- Requirements gathering & analysis
- Artificial intelligence
- Data science
- Cloud computing AWS
- Programming tools: C++,C#, Java, HTML, CSS, Java script, PHP and Python

## TECH - EXPERIENCE (PROJECTS)

### Nematode detection using ML

- Nematode is a disease that affects the roots of plants. I train ML model on an image dataset to classify whether a plant is affected or not &, hence, help farmers plan treatment in order to maximize crop yields. key activities & technologies:
  - Create an image dataset.
  - Data cleaning and preprocessing.
  - Train dataset in model.

### Chatbot powered by Open AI

- Conversational chatbot powered by OpenAI. The Flowise tool was employed for efficient chatbot development, focusing on web-based customer service. Key technologies included:
  - Pinecone vector database to efficiently store and organize data.
  - Using generative AI (OpenAI) to enhance the chatbot conversational abilities.project aimed to deliver an improved customer experience on the web.

### Others projects

Car show website

Blood donation system GUI