# Aftab Khan

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#### **EDUCATION**

## Saarland University | Saarbrücken, Germany

B.Sc in Computer Science Jan 2022- present

Relevant Courses: Human-Computer Interaction, Data Structures and Algorithms

#### St.Francis School | Ghaziabad, India

High School | 89% May 2020

Relevant Courses: Computer Science (92%), Maths

#### TECHNICAL SKILLS

Programming Languages: Java, Python, C, TypeScript, HTML, CSS, MySQL, OCaml

Frameworks: React.js, Angular.js, Next.js, Django, Node.js, Numpy, Pandas

Tools: GIT, Unix, Figma, Adobe XD, Adobe Illustrator, Docker

#### PROFESSIONAL EXPERIENCE

## Full-Stack Developer | DHC Vision | Germany

March 2022 - Present

- Designed the entire UX and UI and implemented the frontend of a government funded market surveillance project and worked on the backend where I developed APIs for dashboard which made data analytics 60% faster.
  - o Its now available for the clients @ https://www.smartvigilance.eu/
- Developed a word cloud visualization for data analytics which increased readability and improved the summarisation speed by 50%. Also later designed and developed a quiz interface.
- Designed and developed the frontend using Figma for an automated software testing tool which got significantly faster as I used SSR (Server Side Rendering) while keeping core web vitals in mind.

## **PROJECTS**

#### WebSnap | Web Summarizer

• A web app which leverages the power of OpenAI to generate a summary of any article. Created using Vite.js, Redux.

#### likeReact | Light-Weight Framework

• A React inspired library which I developed from scratch using TypeScript. It has a virtual DOM, a state management system and suspense. Just under 1kb.

## One | Social Media App

• A full stack social media app where anyone can ask anything and create communities. The frontend is written in Next.js and the backend is powered by MongoDB.

#### Invent | Inventory Management

• A full stack inventory management app which I developed for a client using Jinja and Django which reportedly increased the sales by 30%.

#### **ABOUT ME**

• When I'm not coding, I enjoy playing video games, watching movies, and listening to music. I also enjoy learning new things. I am currently learning about history and philosophy. Visit my Web Portfolio <a href="https://aftabkhan.vercel.app">https://aftabkhan.vercel.app</a> for more.