**AHMED AWAD**

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# SUMMARY

I am a Full-stack Software Engineer with 3+ years of experience, a Background in STEM, and strong technical analysis skills. I build apps that ensure cross-browser compatibility and a great personalized experience. Most notably, I led the engineering team in building a full-stack product for an early-stage tourism agency generating $2M.

**TECHNICAL SKILLS**

JavaScript, TypeScript, React, Next.JS, Node.js, NoSQL, GraphQL, Java, Python, C++, DevOps, PHP, Laravel, HTML/CSS, Redux, CSS Tailwind, Unit testing, Redux, Docker, SQL, NPM, AWS, GCD, NoSQL, CI/CD, Docker, Git GitHub, Algorithms, Data Structures, MongoDB

**EXPERIENCE**

**Synthesis Workshop, Remote** **09/2023 - Current**

Software Engineer

* Organized Agile workflow using Jira. Implemented unit testing using Jest, leading to 10% less development time.
* Created the main Reusable UI Components using React TS. Reduced code Redundancy by 19%
* Designed backend system using NodeJS and GraphQL, reduced data fetching by 28%

**Solutions Plus, Remote 01/2021 - 10/2022**

Software Engineer

* Led an Engineering team of 6 to build a system for a tourism agency. Increased user Engagement by 28%
* Rebuilt the back end for an e-commerce website with Laravel PHP. Increased response time by 30%
* Built main features components such (Booking and Register) using Angular.

**Elephant Phunk 02/2019 - 5/2020**

Software Engineer, Backend

* Used JWT Token for Authentication. Increased user data quality by 35%
* Worked with front-end developers to supervise the interaction between frontend and backend
* Mentoring two entry-level developers for three months, Starting with Interviewing and after, where I helped them learn the company's technical standards and tools like (Git, GitHub) for continuous integration

**RECENT PROJECTS**

Synthesis Workshop - [Github](https://github.com/synthesis-workshop/frontend) | [API](https://github.com/synthesis-workshop/backend)  1/2024

I built a new website for the Synthesis workshop using ReactTS, GraphQL, and Keystone 6 for the backend.

* Developed a detailed plan and timeline for the project
* Revised Pull Requests before merging into the main branch
* Customized GraphQL Queries to connect Front-end features with back-end

News App - [Github](https://github.com/AhmedElsayed5/news-explorer-frontend) | [API](https://github.com/AhmedElsayed5/news-explorer-backend) | [Site](https://www.newsapp.crabdance.com/)  12/2023

Full-stack news app with React, MongoDB, and NodeJS that allows users to search and save articles

* Built a fully responsive front-end using Media Queries
* Hosted on Google Cloud Services
* Used React Context API for dependency injection

Weather Match - [Github](https://github.com/AhmedElsayed5/se_project_react) | [API](https://github.com/AhmedElsayed5/se_project_express) 10/2023

Full-stack app to match clothes with weather, built with NodeJS, Express, React, and MongoDB

* Used JWT for Authentication
* Performed state management techniques to build seamless design
* Utilized Express middleware for request parsing, authentication, and error handling tasks.

# LEADERSHIP

Practicum | Senior Student | 07/2023 – 01/2024

AAST | Competitive Problem-solving Team Leader | 01/2018 – 08/2019

# EDUCATION

Practicum Software Engineer Program | 2022 - 2024

Arab Academy for Science and Technology (AAST) | B.S. | Computer Science | 2016 - 2020

Algorithms problem solving Bootcamp | 2017 - 2019