

# AHMED KHALID AHMED MOHAMED ALI

Phone: +966556779528 | Portfolio: [ahmedkhalid.vercel.app](https://ahmedkhalid.vercel.app) | Email: [ahmedkhalidahi22@gmail.com](mailto:ahmedkhalidahi22@gmail.com)

LinkedIn: [www.linkedin.com/in/ahmedkhalidahi22](https://www.linkedin.com/in/ahmedkhalidahi22) | Address: Riyadh, Saudi Arabia

## SUMMARY

Software engineer with over 3 years of hands-on experience in front-end and full-stack development. Proficient in ReactJS, Next.js, JavaScript, and an array of other technologies, delivering high-impact solutions. Known for crafting compelling user experiences and optimizing web apps for speed and SEO. Demonstrated ability as a key contributor in a \$120,000 project, tailoring a university management system to meet client business needs.

## EXPERIENCE

### Golden Mulberry AVL

August 2024 – Present

Front-End Engineer – *ReactJS, Next.js, TypeScript, ShadcnUI, Tailwind, CSS, Git*

- Develop and maintain the UI of a GPS tracking system web application using Next.js, React, and TypeScript.
- Collaborate with backend engineers to ensure seamless API integrations, improving data tracking functionalities.
- Integrate the system's front-end with a Flespi telematics API-powered backend, enabling a wide range of tracking features like Immediate Location Updates, and various notifications.
- Incorporate Tailwind CSS and Shadcn UI to create responsive, visually appealing user interfaces.

### Tuti Tech Investment Co LTD.

February 2023 – August 2024

Front-End Engineer – *ReactJS, Next.js, JavaScript, TypeScript, Tailwind, MUI, CSS, Git*

- Teamed up with 3 developers to build a customer support dashboard web application, empowering agents to efficiently manage and track customer interactions, issues and support requests.
- Collaborated with back-end developers to integrate front-end code with server-side logic and ensure smooth communication between front-end and back-end systems.
- Led the development of a digital gift cards shop web-based app using Next.js, implementing SSR & SSG; achieved 20% faster page rendering and enhanced SEO performance.
- Refactored critical components, enhancing codebase readability and app performance by 30%.
- Engaged with UI/UX designers to bring designs to life, effectively translating designs into functional features while enhancing the design of existing products.
- Optimized API calls using React Query and debouncing technique, resulting in 15% fewer server requests, thus reducing server load and enhancing user experience.
- Utilized MUI design library to streamline UI design and provide a consistent user experience across the system.

### Full-Stack Developer Freelancer

January 2022 – Present

YC Sudan Association – News Website - *Next.js 14, JavaScript, Framer Motion, ShadcnUI, Tailwind, Strapi*

- Redeveloped YC Sudan Association website using cutting-edge technologies including Next.js 14, Tailwind CSS, Framer Motion, and Strapi for back-end infrastructure.
- Leveraged React Server Components and Static Site Generation (SSG) rendering technique, resulting in a remarkable 40% improvement in page loading times.

Blue Cursor - Vehicle Management System - *ReactJS, JavaScript, Node.js, Express.js, Tailwind, MySQL, Git*

- Engineered a vehicle management system web application for SHFTE (Tracking Systems Company), Improving vehicle management process by roughly 70%.
- Implemented front-end features including user authentication, roles and permissions, data CRUD operations,

image uploads, maintenance scheduling, analytics charts, graphs, and reports.

- Utilized React Table to generate detailed table reports, Compress.js to optimize image uploads, and React Query to enhance data fetching and caching.
- Built a RESTful back-end with Node.js and Express.js, securing API routes with JWT-based authentication.

## HASH Information Technology

September 2021 – August 2022

**Software Engineer** - *ASP.NET, C#, JavaScript, jQuery, CSS, Bootstrap, Crystal Reports, SQL Server, TFS*

- Analyzed, designed, and developed features in 15 modules of a leading university management system, meeting client's requirements and enhancing overall functionality and performance.
- Developed features based on Software Requirements Specifications (SRS).
- Improved database performance by reanalyzing structures and optimizing queries, enhancing system responsiveness.
- Redesigned the front-end of 3 modules, improving user interface and experience by 25%.
- Localized 14 modules, maintaining layout consistency across languages.
- Authored user manuals for 2 modules and technical documentation on localization in ASP.NET.

## PERSONAL PROJECTS

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- Bright-Reads – An online library integrated with openlibrary.org API – *ReactJS, JavaScript, CSS, Tailwind*.
- Personal blogging web application – *ReactJS, JavaScript, CSS, Tailwind, Express.js, MongoDB*.
- Auto-Deal – Car dealership web application – *Angular.js, JavaScript, Bootstrap, PHP, MySQL*.
- University admission and registration system web application – *ASP.NET, JavaScript, Bootstrap, CSS, C#, SQL Server*.
- Your Journey – A travel guide website – *HTML, JavaScript, CSS*.

## EDUCATION

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- **Self-taught Software Engineer** January 2020 – Present
- **Future University, Khartoum, Sudan** July 2019  
Bachelor Degree In (Mechatronics Engineering).

## COURSEWORK

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- **MERN Stack (MongoDB, Express.js, Node.js, and ReactJS).** *The Net-NNJA platform*
- **Building web applications in PHP.** *Coursera - University of Michigan*
- **Retrieving Web Data, Processing, and Visualizing Data with Python.** *Coursera - University of Michigan*
- **A.I. & Deep Learning Indaba-X sessions.** *Ministry of Higher Education (MHESR)*

## SKILLS

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- **Front-End Development:** *ReactJS, Next.js, HTML5, CSS3 (SASS), React Context, Redux, SSR, SSG, Tailwind, Shadcn, MUI, Bootstrap, Responsive Web Design, i18n, Framer Motion, Adobe XD, Figma*
- **Back-End Development:** *Node.js, Express.js, Prisma ORM, MySQL, PostgreSQL, SQL Server, ASP.NET, PHP*
- **Programming Languages:** *JavaScript (ES6, TypeScript), PHP, C#, Python*
- **Testing Tools:** *Jest, React-Testing-Library*
- **Development Tools:** *Git, GitHub, NPM, TFS*

## LANGUAGE SKILLS

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- **Arabic:** Native.
- **English:** Proficient.