

Midha Tahir

Software Engineer

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Skills

- **Languages:** Javascript, Typescript, Python
- **Frontend:** React, ReactNative, NextJS, GatsbyJS, Redux, HTML, CSS, ThreeJS, and UI (MaterialUI, ChakraUI, TailwindCSS, AntDesign)
- **Other Experience:** NPM, Webpack, Babel.js, Linux, Docker, Git, Vim, Restful APIs, EC2, S3, CodePipeline (CI/CD), Serverless Cloud Functions, Strapi (CMS), Azure DevOps. StripeJS, Sendgrid

Experience

Software Engineer @ BCT Consulting UK (Remote)

Feb 2022 - Present

NXTSTIM:

• Collaborating with Nxtstim and leading a team of 5 developers to create frontend, integrate already built backend apis but including hipaa compliance to the project.

Network & Chill: (React Native Application)

• Developed and implemented new features for the Network & Chill application, utilizing React Native for both iOS and Android platforms. Integrated Stripe, Auth0, heap.io and HubSpot CMS within the application.

SDSA:

- Managed a team of 10 people and developed an analytics platform using React, focusing on data visualization and interactive charts.
- Utilized **D3.js and Recharts** for custom charting, providing rich visual insights to users.
- Used **svg2pdf.js and react-to-print** to export interactive charts and visualizations as high-quality PDFs for reporting purposes.
- Enabled multilingual support with **i18next**.

NASDAQ:

• Implemented a comprehensive optimization strategy that significantly boosted Lighthouse performance metrics from 37% to 87%, enhancing overall product stability. Additionally, I trained developers previously involved in the project on best practices to ensure maximum performance from the start.

KEYELITE:

• Managed and led a team of three developers in developing, and maintaining the frontend of the website, and created its webapp using ReactNative for both ios and android, ensuring high performance and adherence to best practices.

ALEF: (AI English-Arabic Translation Hub)

- Resolved conflicts and facilitated effective collaboration among cross-functional teams, ensuring timely project delivery.
- Collaborated closely with security engineers to address and implement security measures.
- Worked closely with UI/UX designers to enhance user flows and done frontend and integration.

SHAED: (a platform having multiple sub-products- It secured partnerships with renowned automobile companies, including Workhorse, Ford, Sunbelt, and Pritchard.)

- Implemented a comprehensive **performance optimization strategy** that resulted in a remarkable 40% increase in the responsiveness and speed of our 3D website enhancing the overall product stability.
- Dockerized multiple services and led the transformation of multiple codebases into a unified, scalable, and highly customizable architecture by implementing **Kubernetes ConfigMaps** (using Helm charts) for personalized theming, configurations, and options, reducing the need for duplicative codebases.
- Streamlined code review process by introducing **SonarQube** and implementing **CI/CD pipelines** using **CodePipeline (AWS)**, automated PR deployments using **GitHub workflows** result in faster releases and improved code quality.
- Customized and extended **Strapi CMS** to meet specific project requirements, leveraging the Strapi bootstrap function to initiate default CMS settings through Kubernetes Configmaps, ensuring flexibility and scalability.
- Designed **serverless cloud functions** integrating 3rd party APIs like **Twilio** and **Sendgrid**.
- **Links:** <https://staging-workhorse.shaed.ai> | <https://commercialevs.com/> | <https://pritchards.surge.sh/>

AUTILENT:

- Developed a live-tracking IoT application recognized with a People's Choice Award at Taqadam Accelerator in Saudi Arabia.
Link: <https://www.bytecorp.io/work/autilent/>

Frontend Developer @ Getweys

April 2021 - June 2022

- Implemented efficient state management techniques to ensure optimal performance and scalability.
- Collaborated with designers to translate wireframes and mockups into **pixel-perfect UI components**.
- Created and Integrated **RESTful APIs** to fetch and update data, ensuring seamless data flow between frontend and backend.

Projects

Gestor FinTech App:

- Played a pivotal role in integrating critical frontend components, including Stripe and Intercom, while contributing to the integration of backend-developed endpoints.
- Employed Formik and Yup to manage form states efficiently, ensuring a seamless and user-friendly experience for the application's users.
- Applied internationalization techniques to deliver contextually relevant support content based on user location and language.
Link: <https://thegestor.app/>

Web3 Projects:

- Cloned Figma UI templates, replicating the design and functionality using HTML, CSS, and JavaScript, ReactJS.
Link: <https://cryptotreemap.surge.sh> | ebikesample-dev.surge.sh | artepoli-interface-dev.surge.sh | newmiurasample-dev.surge.sh
/ <https://forest-landscape-getweys-demo.netlify.app/> | <https://takezu-inu-demo.netlify.app/> | rising-talent-frontend.vercel.app
- Created a telegram bot that would swap tokens for you on solana chain using open.ai APIs, langchain, fastAPI.

KodersHub (Open-Source Project):

- This web-app provides a platform for our teens to practice coding skills with HTML, CSS and JS challenges.
Link: <https://github.com/MidhaTahir/KodersHub>

Rocket Cardio:

- Seamlessly integrated backend-developed endpoints, harnessed state management with mobX and mobx-react-lite,
- Incorporated MapBox APIs for enhanced location-based features, ultimately delivering a comprehensive admin dashboard featuring interactive charts powered by the Recharts library.
Link: <https://rocket-cardio-getweys.netlify.app/> | <https://rocket-cardio-getweys.netlify.app/admin/login>

Flexor Gym Membership:

- Designed and developed a comprehensive gym application that simplifies client management, enabling users to effortlessly track payments, payment history, and pending invoices.

Education

- Major in **Software Engineering (Graduated)** with cumulative GPA: 3.7/4.0 from *Ned University of Engineering and Technology*

Achievements

- **Winning Award:**
 - Won 1st prize for developing a web frontend from a UI/UX perspective at the ITEC Competition.
 - Won 1st prize for developing an MVP on given case studies at the PakSummit2023 Hackathon.
- **Runner-Up Award:** Won the runner-up award in a speed programming competition at Softec, Bahria University.
- **Certifications:** Javascript, Python, SQL (Microsoft) | ReactJS, NextJS, Redux, NodeJS, GatsbyJS (Frontend Masters)
- **Trainings:** Successfully guided and empowered a cohort of 16 skilled .NET professionals through immersive ReactJS training, equipping them with the knowledge and expertise to excel in frontend development and enhance their career prospects at Omni Academy Training & Consulting Firm.