

Ashwek WERGHI

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Professional Summary

Dynamic and motivated software engineer, with almost two years of experience in software development within various companies. Skilled in technologies such as JavaScript, TypeScript and frameworks like React and Next.js. Strongly focused on problem-solving and optimizing the user experience.

Technical Skills

- Programming Languages: JavaScript (ES6+), TypeScript, C, Python, SQL
- Front-end technologies: HTML, CSS, SCSS
- Frameworks and Libraries: React.js, Next.js, Redux, Node.js, Express.js, Chart.js, Material-UI, KendoReact, TailwindCSS
- Tools: Git, Docker, Jenkins
- Other: JIRA, Azure, Agile Methodologies, RESTful APIs

Work Experience

Software Engineer - Frontend Department

Knowlepsy, Remote

August 2024 - Present

- Spearheaded the design and development of Knowlepsy (KnowRisk), a platform enabling hospitals and doctors to track and analyze epileptic patient data, leveraging Next.js, React.js, and Chart.js.
- Built and maintained the Knowlepsy website, integrating essential company information and product details using Next.js, TypeScript, and Tailwind CSS to ensure a user-friendly and responsive experience.
- Collaborated closely with backend and data engineering teams to deliver a comprehensive, data-driven dashboard for various stakeholders, enhancing decision-making capabilities.
- Partnered with Product Management to develop and implement a Power BI dashboard, enabling hospital administrators to monitor and analyze key metrics within the neurology department.

Software Engineer - Frontend Department

COGNIRA, Tunis, Tunisia

August 2023 - July 2024

- Developed and maintained COGNIRA's internal library, "Rich UI," featuring a comprehensive collection of reusable React.js components, significantly streamlining the creation of UI elements for external projects, improving development efficiency and consistency.
- Collaborated on an external project for a prominent retailer, utilizing React.js and Redux to create a robust, feature-rich application. Played a pivotal role in enhancing the core application, which served as a foundation for various external projects.
- Supervised an intern in their end-of-studies project, providing mentorship, guidance, and feedback to enhance their skills and performance.

End of Studies Intern - Frontend Department

COGNIRA, Tunis, Tunisia

February 2023 - June 2023

- Led the development of a Model Comparator Dashboard, empowering Cognira's data scientists to streamline the analysis of various forecast engine iterations. Facilitated the visualization and presentation of results to clients, enabling data scientists to select the best forecasting model and effectively communicate forecasts.

- Utilized React.js, Rich UI, MUI, and Kendo UI to create a user-friendly application.
- Collaborated with the data science team, using Python for dataset management and analysis.

Education

Computer Science Engineering Degree

National School Of Computer Science

Graduation Year: 2023

Engineering Preparatory Degree

Preparatory School For Engineering Studies In Tunis

Graduation Year: 2020

Projects

Hack'Prise 2.0

May 2022 – June 2022

Technologies: React.js, Node.js, Express.js, MongoDB

- Developed a dynamic event website for ENSI Junior Enterprise, providing event details and facilitating the registration process.
- Utilized the MERN stack to build a responsive web application, ensuring an engaging and user-friendly experience for attendees.

HR Management Dashboard Development

January 2022 – June 2022

Technologies: React.js, Blockchain, Talend

- Designed and developed a dashboard for HR data management, visualizing key performance indicators (KPIs) across departments.
- Integrated blockchain technology with BigchainDB for enhanced data security and integrity.
- Implemented Talend for the ETL process, streamlining data collection and transformation from multiple sources.

Driving School Management Site

July 2021 – September 2021

Technologies: React.js, Node.js, Express.js, MongoDB

- Developed a comprehensive web app for managing driving school operations, improving organization and efficiency.
- Integrated React.js for the frontend and Node.js with Express.js for the backend, utilizing MongoDB for secure data storage.