

Saad Mahmood

Senior Software
Engineer



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About Me

As an experienced Software Engineer with 8 years in the field, I've honed my skills in full-stack development with JavaScript, Vue, React, Angular, Python, and Node.js, alongside managing databases and applying DevOps practices with AWS, Docker, and others. I've led diverse teams, integrated APIs, used agile project management tools, and remained updated on industry trends, continually delivering innovative solutions that enhance productivity and meet user needs.

Work Experience



Full Stack Developer

Upwork

October 2021 to Current

- My experience extends to efficiently coordinating with remote teams and clients, a testament to my effective communication and collaboration skills in diverse work environments.
- Worked with multiple long term clients like SGEPT and Darzin and successfully delivered the work.
- Demonstrated proficiency in hands-on programming using JavaScript, React, Vue, Angular, Nuxt.js, and Next.js, and effectively employed Redux, Vuex, and NgRx for efficient state management. Skillfully crafted user interfaces using HTML, CSS, Bootstrap, Material UI, and Tailwind CSS.
- Engaged in backend development using Django Python and Node.js, specifically leveraging ExpressJS and NestJS frameworks. Developed and automated unit test cases using Jest, Jasmine, and Factory Boy to ensure code quality and reliability.
- Designed and constructed databases and table structures for web applications, utilizing SQLite, MySQL, PostgreSQL, and MongoDB. Deployed cloud computing services using AWS, and harnessed Docker and Nginx for containerization and server setup.



Senior Software Engineer

Strategic Systems International

October 2019 to October 2021 (2 years)

- With a proven track record of successfully delivering multiple web application projects, including large-scale endeavors, I've consistently ensured completion within stipulated timelines and budgets.
- I have proven expertise in coding with JavaScript, and have used frameworks such as React, Vue, Angular, Nuxt.js, and Next.js effectively. For efficient management of application state, I have used technologies like Redux, Vuex, and NgRx. Additionally, I have built user interfaces using HTML, CSS, Bootstrap, Material UI, and Tailwind CSS.
- I have actively participated in backend development using Django Python and Node.js, primarily utilizing the ExpressJS and NestJS frameworks. To ensure the quality and reliability of the code, I have created and automated unit test cases using tools such as Jest, Jasmine, and Factory Boy.



Software Engineer

Emblem Technologies

June 2017 to October 2019 (2 years, 5 months)

- Exhibited hands-on programming skills in JavaScript, React, and Angular. Actively participated in the architecture, design, and implementation of backend features using Node.js and Django Python.
- Ensured the quality and security of client code by identifying bugs and weaknesses using approved troubleshooting methods, and developed robust solutions that satisfied client requirements for functionality, scalability, and performance.
- Collaborated with software development and testing team members to design and implement solutions, and used project management and version control tools such as Jira, Git, Bitbucket, and GitHub for an efficient and streamlined development process.

Education History

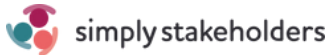


Bachelor in Computer Science

Institution: National University of Computer and Emerging Sciences

Year of Graduation: 2017

Projects



Nov 2022 - present

Description:

- Frontend Developer at Simply Stakeholders, specializing in stakeholder relationship management.
- Developed frontend solutions using Angular, ensuring efficient and user-friendly interfaces.
- Implemented comprehensive testing strategies, including unit tests and end-to-end test cases, to maintain high code quality.
- Proficient in technologies including Angular, Ngrx, Jest, Jasmine, GraphQL, Cypress, Material Design, and Chart.js.

Website:

<https://simplystakeholders.com>



Dec 2021 - May 2023

Description:

- Full-Stack Developer at Digital Policy Alert, contributing to a global transparency initiative for industrial policy changes.
- Developed and managed the admin portals and website using Vue.js and Django.
- Proficient in technologies including Vue, Nuxt.js, Vuex, Django, Jest, FactoryBoy, Docker, Vuetify, and TailwindCSS.
- Implemented data visualization using D3.js to provide insightful and interactive data representation.

Website:

<https://digitalpolicyalert.org>



Oct 2019 - Dec 2021

- Full-Stack Developer at Ideawake, driving innovation through an advanced platform for idea collection and measured results.
- Developed and enhanced Ideawake's portal, focusing on the maturation of ideas across various stages.
- Led architectural and database design efforts to ensure scalability and efficiency.
- Proficient in technologies such as React, Next.js, Node.js, Nest.js, Redux, Cypress, and TypeORM.
- Collaborated closely with cross-functional teams to deliver a seamless and impactful innovation experience.

Website:

<https://ideawake.com/>