

MUHAMMAD AHMAD

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Software Engineer with 5+ years of hands-on experience designing, developing, and implementing applications and solutions using a range of technologies and programming languages, seeking to leverage broad development experience and hands-on technical expertise in challenging roles.

EXPERIENCE

01/2021 – 05/2021

FULL STACK SOLUTIONS ENGINEER, KINGSMEN AGENCY

- Built full-stack web software in React and Vue, Node and Laravel.
- Created test plans and unit test cases.
- Wrote and reviewed technical documents, including design and collaborative code reviews.
- Mentored the engineers on the team about some of the best practices in the industry regarding Continuous Delivery, Testing and basics of design and architecture.

04/2020 – 01/2021

FULL STACK ENGINEER, NETWORK SOLUTIONS

- Managed all stages of the creation from initial design and architecture to Deployment.
- Improves some of the products aesthetic and UX of the high-volume customers-facing portal, resulting in 20% increase in users' retention.
- Built APIs systems using Express and Axios, and implemented sequelize in a couple of projects.
- Created dashboards in React and implemented Redux in action, integrated JWT authentication system.
- Built fully automated CI/CD lifecycles for high-profile single page applications, reducing manual deployment intervention by 97%.
- Re-wrote legacy modules related to business-critical internal web application, uncovering security flaws and bugs which has been fixed in later releases.
- Acquired many soft skills regarding management and how to manage small agile teams.

11/2019 – 04/2020

SECURITY SPECIALIST, BBI CONSULTANCY

05/2018 – 10/2019

FULL STACK ENGINEER, SABER AGENCY

- Built RESTful APIs that served data based on dynamically chosen user inputs that handles over 5K concurrent users and more than 100K
- Engaged in building internal tool using Node and Puppeteer to automate QA and monitoring of customer-facing web app.
- Followed designing principles in order to create satisfying UI/UX, and managed to improve user retention and increase active sessions.

03/2016 – 05/2018

FULL STACK ENGINEER, SMART VILLAGE TECH

I was a member of a team that created customer facing and administrative sites for their businesses. I was responsible for both front and back-end development. We used a collection of technologies for our underlying structures. There, my knowledge of JavaScript, C# and Java expanded, while I gained experience using some of the best modern frameworks and technologies such as React, Angular, NoSQL, PostgreSQL, Node.js, .Net core

OTHER EXPERIENCE

05/2021 – Present

FULL STACK ENG. LEAD, SOCRATIC MED INC (PRO-BONO)

Socratic Med is a non-profit organization that aims to provide pro-bono teaching and mentoring; connect students with faculty advisors; provide leadership opportunities and internships to empower under-resourced students to healthcare professions.

My role there was to build a project management platform to replace the use of costly team collaboration platforms like notion, and a learning management platform to host the content of the instructors make, the LMS included a course & quiz builder, google classroom & zoom integration, a social domain for the students and the instructors to connect with each other, and many other features.

02/2020 – Present

OPEN SOURCE CONTRIBUTOR

09/2017 – Present

PENETRATION TESTING

EDUCATION

JUL. 2022 (EXPECTED GRADUATION DATE)

BSC COMPUTER SCIENCE, UNIVERSITY OF FLORIDA

SKILLS

- Languages: JavaScript/TypeScript, C#, PHP, Python (Advanced in C++)
- Libraries/FW: SASS, LESS, Tailwind CSS
- SSF: Node, Express, Laravel, Django
- CSF: React, Vue, Angular
- Team Collaboration & Architecture: Git, Agile Development, Scrum, TDD, BDD, FDD, SMACSS, OOCSS, BEM and Design Patterns (Intermediate Knowledge)
- Good experience with GCP, AWS and Docker
- Databases: MySQL, PostgreSQL, MongoDB, Sequelize
- Testing: Unit testing, Integration testing, Performance testing, Smoke testing, A/B testing, White & Black Box testing.

Kindly visit my GitHub account for work examples, and references are available upon request.