Maham Almizan Khan

Full Stack Software Engineer

Seaside, California | 831-643-5614 | mahamimranamjad@gmail.coml | GitHub | Portfolio | LinkedIn

Full-stack web developer with a background in Biotechnology. I am interested in using both these skills to make lives better for others and I am passionate about building my engineering skill set.

SKILLS

- **Programming Languages:** Python3, JavaScript, HTML, CSS, React.JS, Python3/Django, ReactJS
- **Frameworks and Libraries:** Node.js/Express, Mongoose
- **Database:** MongoDB, PostgreSQL
- **Tools/Other:** Git, GitHub, RESTful APIs, MERN, PERN stack applications
- **Laboratory:** PCR, SDS PACE, gel electrophoresis, Gram staining, Microscope, ELISA, DNA extraction, Microbiology and Molecular Biology Techniques

RELEVANT EXPERIENCE

Software Engineering Immersive Fellow | General Assembly | Remote | June 2022 – September 2022
Completed 500+ hours of expert-led instruction in JavaScript, Python, MongoDB, Node, React, and hands-on learning of web and mobile application fundamentals using the industry's most in-demand technologies.

- **Memory Game:** Built with CSS, HTML, Javascript [GitHub Repository] [Deployed Link]: Created a memory game which includes creating matched pairs.
- **Travel Itinerary:** Full Stack MERN [GitHub Repository]: Created a travel app to log your destinations and update them. There is also an option to make a wish list.
- **Group Finder:** Full Stack PERN [Github Repository- Front-end- Back-end] [Deployed Link]: Worked with a group of 4 engineers to create an app allowing the user to sign up, create groups, and join already created groups to play games online.
- **NGO App**: Full stack app built with Vue.js, Postgres and Django [GitHub Repository]: An app with details of different NGOs and locations to donate items added using an API.

Personal Sabbatical | Seaside, California | Jan 2020–June 2022
- Moved to the US, traveled, and adjusted to the country during COVID
- Immigration process.

Lab Technologist | Chughtai Lab | Lahore, Pakistan | March 2018–October 2019
- Performed tests on samples, including TB TSpot, Quantiferon TB Test
- Used Abbott m2000SP and m2000RT system, Cepheid GeneXpert, QIAGEN QIAsymphony SP/AS
- Recorded and analyzed data according to the ISO guidelines
- Trained and supervised four junior laboratory technicians
- Performed complete routine sample processing, validations and reagent QC runs, data interpretation and weekly inventory check of supplies and reagent kits and lab maintenance

EDUCATION

General Assembly | Software Engineering Immersive | Remote
Bachelor of Science | Forman Christian College | Lahore, Pakistan