Mohammad Areeb Khan Full Stack Developer

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Summary of Qualifications

- Full stack developer with work experience in ReactJS, Redux, MongoDB, NodeJS, and responsive website design, CSS pre and post processors, React Native, JS libraries, and Git version control system.
- Delivered 11+ projects over the course of 2 years which include providing unique traceability solutions for consumable units in Suppy Chain, dashboard and inventory management softwares, consumer facing PWA's and corporate websites.
- Understands nuances of making performant, scalable and modular frontend code. Experienced in MERN stack.
- Interest in design making and capable of creating them in Adobe XD and Figma.

Professional Experience & Responsibilities

2019 – present

Lead Front-end developer, *Emertech Innovations (MH, India)*

Project: ERP Management Software - Invento

- Created front-end for ERP management software that helps enterprises in inventory management, analytics and throughput estimation.
- Software had features like Task Creation, Historical view of Inventory, Invoice Export for Orders (Purchase, Production and Sales).
- Tools & Libraries Used: ReactJS, Redux, AntDesign, SASS, Styled Components, JWT, etc.

Project: Farm to Fork Traceability & Transparency Solution - AgroTrust QRiosity

For providing financial transparency and traceability to interacting parties over a supply chain with Blockchain in its back-end.

- Created a solution which interacted with the printer, enabling dynamic labels generation for each individual end product with the help of unique QR codes containing its respective traceability information. The solution ran as a local server. (Tools Used: NodeJS, Express, PugJS)
- Developed a dashboard with RBAC for interaction with the local server. (Tools Used: React, Redux, SASS, JWT)
- Designed and developed the trace screens which showed the traceability information.

Results: Sped up the process by about 50%, provided insights for consumer engagement, and record tracking of the number of labels printed per day. Used by 5 different organisations, with a total of 5M+ QR Codes generated since 2019.

Project - Responsive Web App for Sacred Verse storage

Developed a responsive web app used by ordained Buddhist monks for storing sacred, unanimously agreed-upon verses of their holy scriptures "tripitaka". (Tech stack: MERN with JWT, with MultiChain as the Blockchain).

The app was inaugurated by the Dalai Lama during Global Buddhist Congregation 2019.

Other responsibilities

- Training 20+ interns from different engineering colleges in intensive ReactJS bootcamps.
- Designed and developed the corporate website of sahyadrifarms.com ⬈ .

2019

Freelancing
- Developed an android app for "Jain Acupressure" therapy where patients could schedule an appointment and subsequently get diagnosis results and follow-ups.

Education

2016 – 2020	**Bachelor's of Engineering in Computer Science,**
	Government College of Engineering, Aurangabad, MH.
	CGPA: 7.8
	• Extracurricular activities:
	  - Coordinated "WINGS" (College Fest) - 2017.
	  - Winner of "Spell Your Brain" - 2016, 2017.
	• **Final Year Project:**
	Plant-based disease detection and prevention system using Machine Learning (Tech Stack: Python, Flask, Tensorflow, Keras, ReactJS)

2001 – 2015	**High School (10th) and Higher Secondary (12th),**
	Tyndale Biscoe & Mallinson Education Society
	• Scored 20th position state-wide (10th).
	• Was awarded a scholarship to the aforementioned college on the basis of final result of 12th grade.
	• Extracurricular activities:
	  - Participated in inter-house cricket, basketball and football matches.
	  - Winner & Runner-up of Inter-House Art competition (6 years)
	  - Actively participated in swimming and trekking events.

Certifications

Front-end libraries (freeCodeCamp) ⧉	**React (TestDome)** ⧉	**React (HackerRank)** ⧉
NPTEL Certification in Computer Networks ⧉ top 5%		

Appreciation, Awards & Others

Farm-to-form traceability project
- The traceability project won the 1st prize and INR 10 Lakhs in the 'Startup India-Animal Husbandry Grand Challenge' ⧉
- Our startup team's project won the 1st prize and INR 10 Lakhs in the Swiss-India AIT Camp at Winterthur, Switzerland. ⧉
- The project and the traceability feature was appreciated by Aamir Khan ⧉
- Project was featured in the "AgroOne" magazine. ⧉
- The Hindu Business Line covered our project in a news article. ⧉
- The Hindustan Times covered our project in a news article ⧉

Pali Tripitaka project
- The project was inaugurated by the Dalai Lama during Global Buddhist Congregation 2019 organised by Dr. Harshdeep Kamble (the Development Comissioner of Maharashtra) in front of an audience of 20,000+ people. ⧉

Projects

2048, *(Classic Game of 2048 in React JS)*
- Mobile and Desktop-friendly web app of the classic game of 2048 created from scratch. Used styled-components for styling.
- GitHub: https://github.com/AreebKhan619/2048 ⧉
- Live Demo: https://2048-three.vercel.app/ ⧉

Movies Explorer
- App created using MERN stack which acts like a movie explorer for browsing, managing and playing stored movies, with offline metadata caching (kind of like Plex).
- Fetches movie ratings from TMDb API. Plays the movie using the default player. Note: Compatible with Windows OS only.
- GitHub: https://github.com/AreebKhan619/MoviesExplorer ⧉

Snake, *Classic game of Snake in ReactJS*
https://github.com/AreebKhan619/snake-game ⧉

Sticky Notes
- Draggable sticky notes made in ReactJS
- GitHub: https://github.com/AreebKhan619/react-sticky-notes ⧉