AHSAN KHAN

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Objective

Dynamic and innovative software engineer with over 6 years of hands-on experience, seeking a challenging role as a Frontend Architect. Leveraging expertise in UI design principles and possessing a proven track record of leading challenging, high-impact projects, I aim to apply technical proficiency and leadership skills to drive the design and implementation of user interfaces and architect scalable frontend systems while also fostering collaboration and innovation within the team.

Career Summary / Highlights

- ☐ Working on Next Gen **AI assistant** user interface.
- ☐ Worked in **Healthcare**, **News** and **Media publishing, AI** domain.
- ☐ Developed **chrome extension** for AI Assistant.
- ☐ Strong proficiency in **JavaScript**, **ES6**, **ReactJS**, Hooks, **Redux**, Context API, **I18N**, **A11Y**, NodeJS, **Git.**
- ☐ Expert knowledge of the **UI design process** and deliverables throughout the software development lifecycle **SDLC** and associated issues.
- ☐ Possess deep understanding of **code linting (ESLint)**, **formatting (Prettier)**, git merge and code review strategies (**Git, Github**).
- ☐ Experienced in **Event driven**, AJAX, JSON, **SPA**, **Micro-frontend** with **Monorepo**, MVVM**, SSR**, **SSG**, DSG, ISG based applications.
- ☐ Design and development of **POCs and MVPs** and integration with REST APIs.
- ☐ Developed **usage dashboard** along with **payments integration** and billing services.
- ☐ Developed complex applications as **Micro-frontend** with **Monorepo** concept for scalability.
- ☐ **DOM and data manipulation**, managing data intensive application state with **Redux**.
- ☐ Developed **cross browser**, **responsive designs**, optimized with **mobile first approach**.
- ☐ Debugging, maintaining, and **optimizing** existing applications based on **UI/UX design and performance**.
- ☐ Upgraded applications for modern browsers taking advantage of **HTML5 and CSS3** and latest **NPM** packages.
- ☐ Gained hands-on expertise in frontend presentation frameworks such as **Bootstrap**, **MaterialUI**, Foundation, **Tailwind** and more.
- ☐ Developed and published **NPM package** for login handling.
- ☐ Created a highly flexible **DataGrid** library for **Micro apps**, incorporating search, filter, order, pagination, inline editor, Modal pop-ups etc.
- ☐ Implemented cloud based remote **browser automation** with **Playwright** and **Puppeteer**.
- ☐ Implemented **live streaming** of remote browsers with **WebSocket** and **WebRTC** on user devices.
- ☐ Setup CI/CD pipelines through **github Actions**.
- ☐ Setup passwordless authentication with **AWS** Cognito.
- ☐ Experience in **REST API** design and implementation, **BFF, streaming servers** using ExpressJS, NodeJS, NoSQL / SQL Databases.
- ☐ Worked on REST API documentation with **Swagger**, **OpenAPI** specs and testing with **Postman** collections.
- ☐ Managed various other **backend and DevOps activities**.
- ☐ Participate and contribute in **design discussions** of the projects.
- ☐ Able to handle multiple priorities with a genuine interest in personal and professional development.
- ☐ Self-motivated professional Team player with strong analytical and leadership skills.
- ☐ Valuable contribution in the design discussions.
- ☐ **Flexible to work on any technology. Keen to learn new technologies.**

Worked at

Jan 2023 to May 2024, Instant Systems Inc, USA
Lead Engineer - Frontend

May 2021 to Jan 2023, I2E Consulting, Mumbai, India
Full stack Developer

July 2018 to May 2021, BitsActive Systems, Bangalore, India
Full stack Developer

Skills

Programming Languages	JavaScript, ECMAScript ES6, MERN stack, HTML5, CSS3, JSON, XML, SVG
Operating Systems	Windows, Mac OS, Linux
Back End Technologies	NodeJS, ExpressJS, MongoDB, MySQL, PM2
Tools	VS Code, Git, GitHub, Gitlab, Bitbucket, Docker, AWS, Jenkins, Jira, Confluence, Azure VSTS, Chat GPT, OpenAI, Chrome Extensions, Stripe, Openmeter, webSocket, webRTC, Puppeteer, Playwright, Supabase, Prisma.
Frameworks	ReactJS, Redux, TypeScript, NextJS, Gatsby, Styled components, Bootstrap, Mongoose, Formik, Yup, Google model viewer, Recharts, ChartJS, CanvasJS, FabricJS, JSON Web Token, Jquery, Ajax, Axios, GraphQL, ClayUI, Material UI, ChakraUI, Chrome extension, RESTful API, Micro-frontend, Monorepo, OAuth 2.0, GitHub actions, Swagger, Python, FastAPI, I18N, A11Y.
Build Tools	NPM, Yarn, NX, Lerna, Babel, Webpack, SASS, Less, ESlint, Prettier.
Testing tools	Chrome Developer Tools, Postman, Jasmine, Jest, React-testing-library, EnzymeJS, Cypress, Playwright, Puppeteer.
Other Programs/skills	Agile development, DOM manipulation, Microsoft Office (Word, PowerPoint, Excel)

Projects

Project	**MultiOn AI, USA**
Technology/Platform used	React, NextJS, HTML, CSS, JavaScript, REST API, MUI, Yup,
Project Description	- Designed AI oriented sleek User interface and Chrome extension for AI assistant. - Setup passwordless authentication with AWS Cognito. - Developed SASS billing and usage dashboard with Subscription metering. - Integrated stripe payments and Openmeter event aggregator. - Developed playwright based cloud browser automation. - Setup CI/CD with github action for prod, staging, test environments. - Enforced code linting, formatting, git merge and code review strategies to ensure high quality code. - Managed various backend activities with AWS, Supabase, GitHub and Playwright. - Documented APIs and workflows. - Mentored, assigned tasks and resolved code issues of team members.
Project	**Forta health, USA**
Technology/Platform used	React, Redux, RTK, HTML, CSS, JavaScript, REST API, MUI, Yup,
Project Description	• Developed dashboard with custom roles.

- Simplified complex interfaces with in-place forms, auto save and easy form feedback.
- Setup frontend forms Schema validation and Unit testing.
- Developed code for generating accurate on the fly PDFs with HTML templates and data population in playwright.

Project	**Ellis Directory (Ellis), USA**
Technology/Platform used	React, NextJS, Puppeteer, HTML, CSS, JavaScript, REST API
Project Description	- Ellis Directory project is the directory for US Embassies and consulates all over the world. - Developed scraping techniques on backend to collect Official US embassies and consulates websites data through web-scraping and its organization. - Developed an application to list US embassies/consulates available for countries, the visas issued, appointment wait times, important links, link to official website, address and much more in a unique and easy to access way.

Project	**Esakal, INDIA**
Technology/Platform used	React, NextJS, HTML, CSS, JavaScript, REST API, SEO, Google Analytics (GA), Google Tag Manager (GTM)
Project Description	- Developed UI components, templating system for NEWS items and E2E testing setup for development team. - Upgraded libraries and frameworks to take advantage of newer technologies. - Integrated authentication, paywall, SEO tags and schema for better SEO.

Project	**CARA (Unilever), UK**
Technology/Platform used	HTML, CSS, JavaScript, React, React Hooks, Redux, Typescript, NodeJS, ExpressJS, REST API, Monorepo, yarn, Lerna.
Project Description	- CARA is a E2E Product Content Management System for an end-to-end product data management journey after an approved product idea. - Developed micro-frontend apps for Project creation, R&D, Design Brief, Artwork Excellence, Agency Management, Packaging, Marketing, Supply Chain etc.

Academic Qualifications

2018	**Bachelor of Technology (B.Tech)** from **Babu Banarasi Das National Institute of Technology and Management,** A. P. J. Abdul Kalam Technical University Lucknow.

Achievements & Awards

- Won **Unilever Tech Award 2021** for CARA project.
- Received appreciation mail for optimizing a web application for mobile to load in 1 second compared to earlier 4 seconds.
- Won the **First Prize** in coding competition held in Annual College Fest by Department of CSIT, BBDNITM.

Personal Traits

● **Hobbies**	Traveling, Coding, Web surfing, Natural Photography
● **Strength**	Team Player, Quick learner

Personal Details

Father's Name	Mr. Hameed Khan
Father's Occupation	Retired GO | Agriculture
Mother's Name	Mrs. Kamrunnisha
Date of Birth	May, 1996
Permanent Address	Lakhimpur Kheri, U.P., India.
Nationality	Indian
Marital Status	Unmarried

Declaration

I hereby declare that the information mentioned above is true to the best of my knowledge and belief.

Date: 17/05/2024
Place: Dubai, UAE   (Ahsan Khan)