AHMED AKHTAR - Senior Frontend UI Engineer | React • TypeScript • Node • Spring |

Email: ahmedakhtar11@yahoo.com **| Phone:** (312) 504-8275 **|** Stackoverflow.com/users/9023714 **(79+ Answers)**
Linkedin.com/in/ahmedakhtar11 **|** Github.com/ahmedakhtar11 **|** www.ahmedakhtar.com/portfolio.html
Creator of EventSensei.com Guest Check-In Web CRM and Phone App **|** StackOverflow Coding Boards: **1,580+ Reputation**

TECHNICAL SUMMARY:

Senior Frontend UI Engineer with strong backend expertise in Node.js and Spring Boot, building scalable MVC based REST and GraphQL CRUD APIs for SQL and NoSQL databases. 10+ years of experience designing and delivering polished, scalable enterprise applications using React, TypeScript, and React Native with the most robust UI. Specialized in building responsive, accessible, and high-performance user interfaces for complex, data-intensive and financial workflows, with deep expertise in state management (Redux, Context API), JavaScript, and component-driven architecture. Proven technical leader and mentor who drives frontend standards, leads teams, and delivers complex features from concept to production.

Extensive experience building hundreds of robust frontend components and backend Node APIs, optimizing application performance, and enhancing data workflows. Skilled in optimizing React applications with React, Chrome & Redux Dev Tools along with maximizing responsiveness and accessibility. Background includes microservices and micro-frontends, CRM development, data analytics, job scheduling, and DevOps deployments, along with building REST APIs in Spring and Java. Maintain my own Web CRM and Phone App EventSensei.com as my own massive code-base of the best reuseable UI components. Go-to resource for guidance and problem-solving. Recognized for great communication & rapid development. Proven success as a bridge between accounting, finance, operations, and technology teams, delivering scalable internal tools that improve accuracy, automate workflows, and increase efficiency.

EDUCATION:

Dec 2017- May 2018: Northwestern University: Web Development Certification – Evanston, IL
Sept 2012-May 2015: **Northeastern Illinois University:** Bachelor of Science in Finance – Chicago, IL
Sept 2008-May 2012: **Northeastern Illinois University:** Bachelor of Science Accounting – Chicago, IL
- **Awarded Academic Excellence in the College of Business and Management** (Over 4.5 GPA in one year at full-time.)
Sept 2004-May 2008: **Lincoln Park High School:** High School Diploma (Advanced Placement) – Chicago, IL

EXPERIENCE:

May 2024 – August 2025

Sr Frontend Developer (Application Architect IV) | Bank of America | React & Node | Chicago, IL | Hybrid

Architected UI/UX and accessibility design to build a central internal CRM, streamlining project and deliverable management from concept through production for the Global Technology Line of Business.

- React v18, Node, Mongo, and Vite CRM Development - useContext API State. OpenShift for DevOps releases.
- Built reusable component libraries, dynamic forms and Rich Text Editors to store form details as robust HTML.
- Built a robust navigation bar that highlighted matching users and text in a dropdown while dynamically displaying category filters on the left.
- Implemented full ADA/WCAG accessibility compliance using ARIA, keyboard navigation, screen reader support
- MongoDB Database and API performance. Bi-Weekly Bank of America meetings with specialists at MongoDB.
- Developed internal CRM tools supporting regulated financial workflows and audit/compliance requirements
- Mentoring Engineers, Paired Programming, reviewed PRs, Bug Fixes, Story Refinement, Corporate Training.
- Led new feature initiatives and managed collaborating developers by dividing and assisting with requirements.

May 2022 – July 2023

Lead React Developer - Abound Health – OnTargetClinical.com - Charlotte, NC | Remote

CRM Software interface to allow the building and creation of medical forms to monitor patients.

- Led frontend development of a complex React 18/TypeScript form builder with custom inputs and validations
- Architected React UI architecture and Redux replacing legacy Ext.js frontend code supporting micro-frontends.
- Implementing scalable RESTful APIs using Spring Boot on the backend using IntelliJ and debugging with breakpoints
- Capturing Signatures (Base64) with GCP Cloud along with scheduling calendar workflows and employee time sheets
- Built React, TypeScript & Next.js UI from designer wireframes using React and Material UI bootstrap libraries
- Integrated Stripe subscriptions, ACH payments, and billing logic with support for reconciliations
- Optimized responsive web design and performance using Webpack, Babel and CSS media queries
- Postgres (pgAdmin), Docker, Jenkins, and Kubernetes, with Google Cloud for PDF and image handling.

- Built microservices & micro-frontends. Monitored systems using Datadog. CI/CD - Jenkins, Ansible & Terraform.

Feb 2022 – May 2022

Senior Node and React Native Developer - Relevnt Social Media App – Jacksonville, FL | Remote

Social Media Application to divide discussions and topics by local and global groups.

- PGSQL, HTML5, CSS3, Next.js, JavaScript, TypeScript, Mongo and Node REST API Development – MERN Stack.
- Flipper for React Native Debugging. Android Studio and XCode IOS Simulators. GCP Serverless and Media Storage.
- Created a slideshow carousel page for the phone app, which allowed users to swipe through social media groups.
- Advanced TypeScript, ES6+ JavaScript Methodologies, GraphQL, React arrow function components and SCSS/SASS
- React Native with CocoaPods, GitLab for source control, and Databricks for DevOps hosting.
- Handled HTTP requests for Socket.IO chat messages using a React frontend and a Node.js backend with GraphQL.

Sept 2021 – Feb 2022

Senior Full Stack Developer - Dell Technologies – Austin, TX | Remote

Designing & developing software for the sale of personal computers and servers.

- Meteor.js - React Hooks, Redux Match, MongoDB and SQL Server. **SCRUM:** 2 week sprints.
- Built React frontend UI around a customer service CRM, resolving UI bugs and optimizing web page responsiveness
- Bulk Emails and Reports Job Scheduling using BullMQ. Debugging with React, Redux and Chrome Dev Tools.
- Resolved intricate React and backend bugs leveraging Chrome DevTools breakpoints and profiling tools.
- Unit Testing using Jest and Cypress. Developing new user-facing features using React.js. Using Jira for stories.
- Coordinating with language translators to internationalize and localize our CRM into different languages by using the i18n JavaScript language library. Maximization of Accessibility through localization and internationalization strategies.
- AWS Cloud Services such S3 Storage, ElasticBeanstalk, Amplify, RDS, EC2, VPC, Lambda, IAM and CDK.

Feb 2014 – Sept 2021

Full Stack Developer – The Citizens Foundation USA – Elk Grove Village, IL | On Site

Building & operating 1,600+ free schools for underprivileged children.

- Led development of internal financial and donation management platforms (MERN + Spring Boot)
- React JS frontend development. MySQL, HTML, CSS, JavaScript, TypeScript. Mocha test-driven development
- Monthly reconciliations between QuickBooks, CRM systems (Salesforce Blackbaud) and Customized databases
- Designed audit-ready financial controls by digitizing, indexing, and tracking 100% of receipts and transactions
- Owned engineering and financial operations systems for a nonprofit that scaled from $1M to $15M annually
- Acted as the primary bridge between accounting, fundraising, and technology teams
- Stripe and WordPress e-commerce solutions for one-time and subscription payments (Credit card & ACH).
- Managed multi-channel payment processing (credit card, ACH, checks, stock/securities transfers (Ameritrade)
- Owned year-end tax receipting & donor reporting for tens of thousands of transactions with optimal accuracy.
- Implemented pledge accounting logic (FIFO allocations, multi-year schedules, partial payments)
- Identified corporate matching-gift and lapsed donor opportunities through analytics and marketing queries.
- Trained and supported accounting, operations, and marketing staff on systems, reporting and technology
- Database architecture and updates along with importing, migration, reporting, PowerAutomate and Power-Bi

SKILLS:

Languages: JavaScript (ES6+) • TypeScript • JSX • HTML5 • CSS3 • SCSS • Java • SQL • NoSQL • JSON • GraphQL
Frameworks/Libraries: React.js • React Native • Next.js • Node.js/Express • Redux • Context API • Spring Boot • GraphQL
Backend/Databases: MongoDB • PostgreSQL • MySQL • REST & GraphQL API design • Mongoose • Sequelize • Microservices
Cloud & DevOps: AWS (S3, EC2, RDS, Lambda, IAM), GCP, Azure, Docker, Kubernetes, Jenkins, Elastic Beanstalk, OpenShift
Tools & Testing: Git/GitHub • IntelliJ • VS Code • Jira • Confluence • Postman • Chrome DevTools • Jest • Cypress • ESLint
Mobile: iOS App Store, Google Play Store, Xcode, Android Studio, CocoaPods, React Native Dev Tools, Flipper
Finance/Accounting Accounting reconciliations • Audits & compliance • QuickBooks • General Ledger • Accounts Receivable
• Payment processing • Financial reporting • Pledge accounting • Tax receipting • CRMs • Excel VBA • Linear Programming
Design & Analysis: Accessibility (ADA) • Localization & Internationalization • Figma • Adobe XD • Photoshop • PowerBI • Charts.js
Security: XSS, CSRF, JWT authentication, Spring Security, IP filtering, Helmet for Node.js

References:

- o Sunder Chitturi – Lead Developer, Abound Health, (408) 903-5767 – csrajuse@gmail.com
- o Danial Noorani - Founder, The Citizens, USA - (312) 543-3917 - danial.noorani@tcfusa.org