

AHMED AKHTAR - Full-Stack Engineer (React, React Native, Node)

Email: ahmedakhtar11@yahoo.com | Phone: (312) 504-8275 | stackoverflow.com/ahmedakhtar11 (70+ Answers)
[Linkedin.com/in/ahmedakhtar11](https://linkedin.com/in/ahmedakhtar11) | [Github.com/ahmedakhtar11](https://github.com/ahmedakhtar11) | www.ahmedakhtar.com/portfolio.html

Creator of EventSensei.com Guest Check-In CRM and Phone App | StackOverflow Coding Boards: 1,580+ Coding Reputation

TECHNICAL SUMMARY:

Seasoned software engineer with 10+ years of experience designing and delivering enterprise-grade applications using React.js, TypeScript, and React Native with Node.js and Spring/Java on the back end. Deep expertise in state management (Redux, Context API), JavaScript, MongoDB, SQL/NoSQL databases, HTML/CSS, Bootstrap, and full-stack development patterns. Proven track record of mentoring junior engineers, leading teams, and driving complex feature development 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 through React and Redux Dev Tools, useMemo, useCallback, useReducer, custom hooks, pure components, lazy loading, and async/await. Additional background includes microservices architecture, CRM development, Data Analysis, Excel VBA automation, IT/dev-ops deployments. Additionally experienced in developing REST APIs and controllers using Spring and Java. Recognized for excellent communication, collaboration, and dedication to supporting team success.

EDUCATION:

Dec 2017- May 2018: Northwestern University: Web Development - Full Stack Programming 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 Software Engineer (Application Architect IV) Bank of America – React and Node – Chicago, IL - Hybrid

- React v16, Node and Mongo Software Development (useContext State). OpenShift for release deployments.
- QuerySelector & Aria methods to meet ADA Keyboard & Voice-Reader Compliance requirements for Launch.
- Created a NavBar which highlighted searched text. Built Rich Text Editors to store form details as HTML.
- MongoDB Database and API performance. Bi-Weekly Bank of America meetings with specialists at MongoDB.
- Mentoring Junior Developers and Paired Programming. Finding and reporting bugs along with improvements.
- Led new feature initiatives and managed collaborating developers by dividing and assisting with requirements.
- Bug Fixes, Reviewed and approved Pull Requests, Paired Programming, Story Refinement, Corporate Training.

May 2022 – July 2023

Lead Full Stack Developer - OnTargetClinical.com - Abound Health – Charlotte, NC - Remote

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

- React.js Lead, developing a robust medical CRM along with implementing scalable RESTful APIs using Spring Boot on the backend using IntelliJ. Frontend JavaScript in frameworks such as React, TypeScript for building and customizing clinic forms. Signatures Base64 with GCP Cloud along with scheduling calendar workflows and employee time sheets.
- React frontend UI updates. Adding Alerts with animation, loading mask spinners. Translating designer's illustrations and wireframes into high quality code using Material Bootstrap, Emotion, Semantic, Clay and React Bootstrap.
- Responsive web design with elements changing size through CSS media queries based on screen size and hovering effects. Optimizing components for maximum performance across a vast array of web-capable devices and browsers.
- Editing Postgres PGAdmin tables with Docker and developing UI. Google Cloud for PDF and image transfers.
- Debugging edge case scenarios, Terraform & Dev QA revisions along with testing with product managers.
- Weekly review with the CTO on the progress of stories and bugs along with describing progress on goals.
- Helping lead and junior developers with any environment or startup issues blocking them from running their development environment to help them be able to start working on writing and testing new code.
- Meetings with the product manager to discuss reproduction steps with bugs involving many steps or otherwise edge case scenario complexity to reproduce. CI/CD performance review with pull requests. Jenkins & Ansible.
- Building out Microservices to divide different parts of the Full Stack application. Datadog monitoring tools.

- Meetings with Dev QA team to approve pull requests into production. WebFlux, Docker and Kubernetes.

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, HTML, CSS, 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
- Flutter and React Native along with GitLab for Code Management and DevQA port deployment.
- Put Request to edit chat messages with Frontend React UI and backend Node API. GraphQL and REST)
- Daily standup meetings every morning to discuss the status of each developers' tickets in Jira along with weekly review meetings and releases of the social media phone application. Android vs IOS phone app disparities.
- Meetings with the designer to review Adobe XD wireframes of UI color, structure and functional specifications.

Sept 2021 – Feb 2022

Senior Full Stack Developer - – Node and React - Dell Computers/Technologies – Austin, TX - Remote Designing & developing software for the sale of personal computers and servers.

- **Meteor.js Backend**- React Hooks, Redux Match, MongoDB and SQL Server. **SCRUM**: 2 week sprints.
- Jira for Bug/Story Management and **Confluence** for documentation and design. **GitLab** for Code Management/Dev QA.
- Bulk Emails and Reports Job Scheduling using BullMQ. Debugging with React, Redux and Chrome Dev Tools.
- **Chrome Dev Tools**: Elements, Console, Network, Application, Sources & setting Breakpoints for debugging.
- Unit Testing using Jest and Enzyme. 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.
- Daily standup meetings stating whether we had discovered the root cause and close to resolving or needed assistance.
- AWS Cloud Services such S3 Storage, ElasticBeanstalk, Amplify, RDS, EC2, VPC, Lambda, IAM and CDK.

Feb 2014 – Sept 2021

Full Stack Developer – Node and React - The Citizens Foundation USA – Elk Grove Village, IL – On Site Building & operating 1,600+ free schools for underprivileged children.

- **MERN App** - React, React Native & Node/Express. Fund Management App to track and manage donations. **Components**: Get, add, edit & delete event lists & guests. Includes Check-in, Search, Modals, Passport logins and importing and exporting CSV reports. Utilized TypeScript, JSX, Custom Hooks and Context API. SQL/NoSQL
- **Spring Boot App** – Financial tracking of funds towards building and operating schools. - Spring, React & Redux and MYSQL with Eclipse IDE. Creating Tables of data to sort, filter and edit fund accounts for reconciliation.
- System design & UI dev, importing, migration, reporting and Power-Bi development. Domains and Hosting.
- React JS frontend development. MySQL, HTML, CSS, JavaScript, TypeScript. Mocha Test driven development.
- Trained & mentored 10+ employees in databases, analysis, marketing, IT, programming and web development.
- Database architecture and updates along with importing, migration, PowerAutomate replication, reporting and Power-Bi dashboard/MongoDB charts development. SQL & NoSQL - Firebase, MySQL, SQL Server, WCF & WS.

SKILLS:

- **Languages**: JavaScript, TypeScript, JSX, HTML5, CSS, SCSS, jQuery, Java, VBA.
- **Frameworks/Libraries**: React.js, React-Native, Node/Express, Next, EXT, Meteor, Frontity, Spring Boot, Redux, AWS.
- **Tools**: Github, Visual Studio, WordPress CMS, IntelliJ, Heroku, SendGrid, Stripe, AWS, Azure, GCP, JWT, Hooks, Jest.
- **Data**: Excel expertise with extensive VBA programming and automation of processes and analysis. CI/CD, Jenkins.
- **Certifications**: AWS Cloud Practitioner and SoloLearn Certification in JavaScript, Java & SQL, Algorithms & Structures.
- **Analysis**: Data & Stock/Mutual Fund Analysis, Charts.js, PowerBi & MongoDB Charts. Linear programming Analysis.
- **Training**: Created docs and video tutorials utilizing video and audio editing. (Camtasia and Audacity)
- **Cyber Security**: Cross site scripting (XSS), Cross site request forgery (CSRF), Spring Security, Backend and IP blocking.
- **Design**: Adobe Illustrator, Adobe Photoshop, Adobe XD, Accessibility, Localization, Internationalization, Bootstrap React & Material Bootstrap, Emotion & Semantic UI, Singleton Design Pattern, Object Oriented Programming, Clay.

References:

- Sunder Chitturi – Lead Developer, Abound Health, (408) 903-5767 – csrajuse@gmail.com
- Danial Noorani - Founder, The Citizens, USA - (312) 543-3917 - danial.noorani@tcfusa.org
- Stephen Pearce – Project Manager, Bank of America - (201) 874-2030 – stephen.pearce@boa.com