Chirag Khandhar

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Experience

Software Engineer II Nov 2022 – Present

Egen Solutions Chicago, IL

* Developed an internal POC by leveraging Google’s Gemini Pro and PaLM2 LLM models for various use cases like document search, database search, and multimodal retail product search.
* Developed Estera, an EHR system for specialty care providers, that streamlines patient care management for informed treatment decisions and enhanced focus on patient well-being.
* Proven ability to identify and solve complex problems in multiple high-value workflows like Regimens, Calendar, Schedulers, Patient Demographics, and Authorization.
* Successfully implemented a custom solution known as the Rich Text Viewer to address a crucial user experience gap in our existing Rich Text Editor.
* Implemented intrinsic security permissions to support persona-specific features.
* Proficient in conducting thorough code reviews to ensure code quality, adherence to coding standards, and identify opportunities for performance optimization, resulting in improved software reliability and maintainability.
* Tech Stack: TypeScript, Angular, Flutter, RxJS, NgRx, Jest, Material, SonarQube, Azure DevOps

Software Engineer Jun 2021 – Nov 2022

Egen Solutions Chicago, IL

* Developed Bridgecrest, a cross-platform payments app, using Ionic, to make end-to-end SSL-secured car loan payments for the nation’s largest privately-owned car retailer.
* Tech-designed & developed high-value features like Auto-Pay, Payoff Quote, and Manage Modifications to automate and manage payments through bank accounts.
* Developed services to simplify state management, mutation & query operations using Apollo - a GraphQL client for Angular.
* Implemented feature management using Launch Darkly to create experiments & control features.
* Wrote unit tests in Jasmine for 100% code coverage and Integration tests in CyPress for automation testing.
* Supported production app in the on-call shifts using tools like Splunk, and Azure App Insights
* Tech Stack: TypeScript, Angular, Capacitor, Ionic, CyPress, Jasmine, Apollo, GraphQL, RxJS, Lodash, Auth0,

Graduate Research Assistant January 2021 – May 2021

Department of Energy, Argonne National Laboratory Chicago, IL

* Developed a web framework for building a real-time layered map interface that assists power companies to visualize & monitor power-grid infrastructure.
* Utilized LeafletJS and MapboxGL to render & control multiple tiled layers and GeoJSON data points.
* Designed the web framework by translating product requirements from computational scientists.
* Tech Stack: JavaScript, LeafletJS, GeoJSON, TileMill, AWS EC2, Docker, Figma, Python

Software Engineer Intern September 2020 – December 2020

Script Health Chicago, IL

* Developed Scripted, a web application that enables pharmacists to prescribe common treatments & conditions.
* Developed high-value features like user onboarding, clinical review dashboard, 2-FA, and admin settings panel.
* Developed REST API endpoints and middleware using NodeJS
* Enabled Google O-Auth log-in and sign-up experience using PassportJS.
* Tech Stack: JavaScript, React, React Hooks, Redux, NodeJS, ExpressJS, MaterialUI, JEST, JIRA

Technical Skills

Languages: TypeScript, Python, Java

Frameworks: Angular, Ionic, React, NodeJS, Jasmine, Jest

Libraries: Apollo, Lodash, NgRx, RxJS, Redux, MaterialUI, LeafletJS, MapboxGL, ExpressJS, Charts.JS, PassportJS

Developer Tools: Git, JIRA, Figma, Postman, Docker, Azure DevOps, Github, Mapbox Studio

Education

Illinois Institute of Technology Chicago, IL

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| Master of Computer Science — GPA: 3.66 | May 2021 |

* Top Courses: Enterprise Web Applications, Mobile Application Development, Geo-spatial Vision and Visualization, Software Systems Architecture, Software Modelling