

Karthek Chintalapati

Littleton, CO 80123 • 908-758 8212 • carteak004@gmail.com

H-1B Visa Sponsorship with Intention of U.S.A. Citizenship / Able to Relocate Anywhere

Results-driven Mobile Engineer skilled to design, develop, and implement software programs for smartphones and other mobile devices with deep knowledge of operating systems, such as Android and iOS utilizing data-driven insights to guide development of programs and apps that fill a user need utilizing active listening skills.

SUMMARY OF QUALIFICATIONS

- Effective, articulate interpersonal, oral and written communications skills at all levels of an organization.
- Exceptional organizational and time management skills to plan, work efficiently and meet deadlines.
- Strong troubleshooting and problem-solving skills to implement proper resolutions and mediate conflict.
- Adept at executing multiple, complex projects concurrently with attention to detail and a sense of urgency.

EDUCATION

Master of Science in Computer Science Northern Illinois University, DeKalb, IL GPA 3.7 12/2017
Bachelor of Technology in Electronics and Communication Engineering GPA 3.8 05/2014
K L University, India

SKILLS

Languages & Web Technologies: React Native, TypeScript, JavaScript, React, Node.js, REST, AWS, MongoDB, SQL Server, Oracle SQL, PostgreSQL, HTML/CSS, JQuery, PHP, Python, JSON, XML.

Tools: VS Code, Xcode, Android Studio, GitHub, Postman, Flipper, Visual Studio, SQL Server Management Studio, SQL Developer, Adobe Photoshop, Adobe Dreamweaver.

WORK EXPERIENCE

LANDING Birmingham, AL 12/2021 to 12/2022

Landing provides fully furnished, flexible-lease apartments across the country with an yearly subscription.

MOBILE ENGINEER

- Worked with React Native in TypeScript and JavaScript, occasionally wrote Ruby on Rails code for APIs, PostgreSQL for database.
- Used ES6+ standards and functional components.
- Used React Query, Redux and Context for state management.
- Used Bitrise and GitHub Actions for CI/CD.
- Used Jest for writing tests and Flipper to track API calls, and deeplinks.
- Fixed bugs, wrote tests, and diagnosed performance issues.
- Participated in code reviews and pair programming sessions to further enhance skills while learning.
- Took ownership of core features, from inception to deployment and maintenance.
- Worked directly with product teams and business owners to design and develop delightful and powerful experiences for member users.
- Implemented new features and refactored existing features, while keeping in mind performance, quality and backwards compatibility.
- Collaborated with a thoughtful, motivated team of engineers to understand tradeoffs of different solutions.
- Worked on both member app and host app depending on requirement.

App store links: [Member App](#), [Host App](#); **Play store links:** [Member App](#), [Host App](#)

K-RISE SYSTEMS Aurora, IL 01/2018 to 12/2021

K-Rise provides faster and cost effective solutions through their no-code development platform.

APPLICATION DEVELOPER

- Reviewed requirements for the project to understand the scope of what the customer is asking.
- Created the database schema for the project, taking into account the need for the project/portal to be organic; ensure a database design that can grow with the application as the customer's needs change.
- Assumed full responsibility to understand the Client's application and all its related code; developed the application and passed this knowledge on to other K-Rise staff or to the Client IT Staff. Upgraded the existing applications to use the newest features.

Products Worked On:

EASYProcess Mobile:

- Designed and developed a cross platform mobile application using React Native that lets EASYProcess developers connect to their environment, view and run their custom apps and business workflows in a unified experience.
- Used REST API services to allow developers to access device APIs and to immediately test and deploy the applications they were creating.
- Implemented Push Notifications feature with custom payload to open webpages on notification in both iOS and Android.
- Implemented barcode scanner feature to scan an item and/or to register into the app on both iOS and Android platforms.
- Implemented auto login feature so that users do not have to login every time.

App Store link: [EASYProcess](#), **Play Store link:** [EASYProcess](#)

EASYPay:

- Designed and developed a PCI compliant shopping cart and invoice payment portal that lets customers and customer service representatives pay using either a credit card or ACH payment method.
- Built services to plug in EASYPay into Oracle JD Edwards, Salesforce, e-commerce or any other application besides its usage as a stand-alone application.
- Integrated payment gateways including; Authorize.Net, PayPal, Chase Paymentech, CyberSource, Vantiv Worldpay, Adyen & Moneris into EASYPay to support a wide range of customers.
- Used JavaScript to reduce the loading time, enhance UI rendering and better UX.

TATA CONSULTANCY SERVICES Bangalore, India

06/2014 to 12/2015

TCS provides IT services, consulting and business solutions to their customers around the world

ASSISTANT SYSTEM ENGINEER

Tata Sky Project (Similar to DISH TV in the U.S.)

- Provided application support for TATA Sky by resolving issues raised by customers.
- Automated daily tasks by writing CRUD queries.
- Performed bulk database updates by writing pointers and queries.
- Documented all the tasks for the production and application support team.

PERSONAL PROJECTS - ENTREPRENEURIAL IDEAS

Secret Vault

Created an app to store user credentials of different websites.

Used React Native, Node JS and MongoDB for front-end, API layer/back-end and database respectively

Used AWS Lambda for serverless deployments of API layer

Created iOS, Android, Mac and Windows versions of the app to access data from anywhere.

Implemented end to end encryption so data can be protected at all stages.

Wrote unit tests using Jest and GitHub Actions for CI.

Food Bowl

Created a food delivery mobile app to order and deliver food from a set of restaurants in an area.

Used React Native, Node JS and MongoDB for front-end, API layer/back-end and database respectively.

Implemented a radius restriction in Maps to not let users from outside the deliverable distance order food.

Weight Log

Created a mobile app to track weight pre and post workout.

Used React Native, Node JS and MongoDB for front-end, API layer/back-end and database respectively.

Added calendar view to show metrics in order.

Added a stopwatch feature to track how long working out in a day.