

KARTHEEK CHINTALAPATI

+1 (908) 758 8212 | carteak004@gmail.com | [in kartheekchintalapati](https://www.linkedin.com/in/kartheekchintalapati) | [carteak004](https://github.com/carteak004)



Education

Master of Science: Computer Science

Northern Illinois University, DeKalb

December 2017

3.7 GPA

Bachelor of Technology: Electronics and Communication Engineering

K L University, India

May 2014

3.8 GPA



Skills

Languages & Web Technologies - React Native, TypeScript, JavaScript, React JS, REST, AWS, C#, 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

Mobile Engineer

Dec 2021-Dec 2022

Birmingham, Alabama

- 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, deeplinks, etc
- Fixed bugs, wrote tests, and diagnosed performance issues
- Participated in code reviews and pair programming sessions to further enhance my skills while learning from others
- 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 our users
- Implemented new features and refactor 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](#)

Personal projects

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 I am working out in a day

K-Rise Systems

Application Developer

Jan 2018-Dec 2021

Aurora, Illinois

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

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're 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 don't 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** like 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

Assistant System Engineer

Jun 2014-Dec 2015

Bangalore, India

Tata Sky

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