



Himateja Merlapaka

Full Stack Engineer



I am a Front-end focused full-stack engineer with 7+ years of experience with a demonstrated history of creating innovative & user-centric digital solutions with JavaScript, React JS & RoR

Currently, at Index, I am working on enhancing the platform's usability and performance by developing critical features like onboarding, settings, and Stripe payment integration.

My contributions have improved user engagement, streamlined processes, and delivered tangible business value in a highly competitive tech startup landscape.

Previously, I had implemented the Safe Reopen module for Involvio, an education startup, maintaining user privacy and safety.

## Work Experience

### Full Stack Engineer, Index, California (USA)

Sep '21 - Present · 20 Months

*Index* is a platform that allows you to create visually stunning and powerful dashboards using the data you already have.

Tech Stack: React JS, TypeScript, GraphQL, Node JS, PostgreSQL, SCSS, Prisma, TypeGraphQL

- Enhanced the user experience on the company's internal dashboard by migrating from Ant-design to Radix-UI, delivering a more visually appealing and user-friendly interface.
- Added key features such as Onboarding, Settings, Filters, Alerts, Regex Syntax Highlighting, and Invites to provide user-friendly solutions
- Integrated Stripe payment gateway and invoicing systems to ensure seamless and secure processing of payments

### Full Stack Engineer, Feathery, California (USA)

Jun '21 - Aug '21 · 3 Months

*Feathery* is a premium form builder empowering product teams to build best-in-class forms and user journeys.

Tech Stack: React JS, TypeScript, Django, PostgreSQL, SCSS

- Implemented the Live Edit functionality for the form builder allowing users to make real-time changes and preview them instantly
- Utilized modern frontend technologies like React JS and SCSS to enhance the user interface and responsiveness of the platform
- Collaborated with cross-functional teams to integrate new features in a seamless manner and align with company goals and vision

### Software Engineer, Involvio, Bangalore (India)

Jul '19 - May '21 · 23 Months

*Involvio* (acquired by Cisco) is a leading student engagement platform that empowers mobile solutions to improve student engagement and retention.

Tech Stack: React JS, Ruby on Rails, SCSS, Haml, JavaScript, PostgreSQL

- Orchestrated the Sub-Admin teams feature and meticulously designed frontend UI with Haml/JavaScript
  - Architected a PostgreSQL-backed solution for primary admin staff permissions and optimized management efficiency
- Engineered the Safe Reopen module for COVID-19 Exposure Notification and Health Pass, leveraging Ruby on Rails, Haml, and JavaScript

(scroll down)

## Frontend Libraries & Frameworks

React JS NextJS Redux Zustand

jQuery Tailwind Bootstrap

## Backend Libraries & Frameworks

Node.js Express JS GraphQL Apollo Client

Ruby on Rails

## Databases

MySQL PostgreSQL MongoDB

## PERSONAL PROJECTS

### [Rick and Morty Characteropedia](#)

Tech Stack: React JS, TypeScript, API, GraphQL, Apollo Client

A web application providing detailed information about Rick and Morty characters, allowing users to explore their favorite characters in depth.

 [onscreen-keyboard](#)

### [Trendz.fashion - E-commerce website](#)

Tech Stack: React JS, Node, GraphQL, Firebase's Firestore

An e-commerce website designed for a fashion brand, featuring a modern, user-friendly interface for seamless online shopping experiences.

 [trendz.fashion-frontend](#)

### [Lyrics Finder](#)

Tech Stack: React JS, Node, API, SCSS

A web application enabling users to search and find song lyrics using [Lyrics.ovh](#)'s API, making it easy to discover and enjoy the words behind their favorite tunes.

 [lyrics-finder](#)

### [Onscreen Keyboard](#)

Tech Stack: CSS, JavaScript (ES6)

Designed and built a 3D virtual keyboard using CSS Grid, HTML, and JavaScript (ES6)

 [onscreen-keyboard](#)

### [Breaking Bad Grocery List](#)

Tech Stack: CSS, JavaScript (ES6)

A Breaking Bad-themed grocery list app, adding a fun twist to the mundane task of tracking grocery items.

 [grocery-list](#)

### [Algorithm Visualizer](#)

Tech Stack: CSS, JavaScript (ES6)

A web application that visualizes various algorithms, helping users better understand the inner workings of different programming solutions

 [algorithm-visualizer](#)

- Delivered a comprehensive solution that facilitated safer reopening strategies for educational institutions.
- Revitalized the company admin tools, boosting page load speed by 30% and significantly enhancing the overall user experience for increased user satisfaction & productivity
- Integrated the CampusKit Semester/Classes API with Ellucian Banner V9, enabling seamless synchronization of class and student data for customers,

## Halemind, Tirupati (India) - Associate Product Manager

Dec '15 - Jun '19 · 43 Months

*Halemind* is an inventive, leading-edge, and connected EMR (Electronic Medical Records) and HMS (Hospital Management System) that empowers independent practices and hospitals.

Tech Stack: Ruby on Rails, JavaScript, HTML/CSS, jQuery, MySQL

- Spearheaded a cross-functional team of 9 for driving project execution and ensuring timely delivery while enhancing product capabilities and market reach
- Pioneered a centralized chat system, utilizing Ruby on Rails, ActionCable, and JavaScript (jQuery), bolstering staff productivity and streamlining communication
- Revolutionized patient-facing dashboards for hospitals, doctors, and patients, elevating user experience and fostering increased engagement
- Implemented end-to-end build of Exam Ophthalmology, Dental Restorative and Orthodontic, using Ruby on Rails, HTML5, SCSS, SVG, and JavaScript, providing comprehensive patient examination tools. Resulting in elevating patient engagement & increasing test accuracy by 75%.
- Crafted an innovative Appointment Dashboard (Whiteboard) optimizing appointment management and reducing patient wait times by 15 minutes

## Get in Touch

Feel free to get in touch and let's have a discussion about how we can work together.

