# Apoorva Kethamaranahalli

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## EDUCATION

**Northeastern University, College of Engineering,** Boston, MA · Jan. 2021 − Dec. 2022
*Master of Science in Information Systems*
**Courses:** Application Engineering & Design, Program Structures & Algorithms, Database Design, Object Oriented Concepts.

**Dayananda Sagar Academy of Technology and Management,** Bangalore, India · Aug. 2015 – Aug. 2019
*Bachelor of Engineering in Information Sciences*
**Courses:** Management and Entrepreneurship for IT, Software Engineering, Python Application Programming, Data Mining and Data Warehousing, Information Management Systems.

## TECHNICAL KNOWLEDGE

**Languages:** Java | JavaScript | TypeScript | Python | HTML | CSS |
**Databases:** MongoDB | MySQL | PLSQL | PostgreSQL |
**Technologies:** React | NodeJS | ExpressJS | Redux | NPM | REST | Heroku | Git | Swing | Postman |

## PROFESSIONAL EXPERIENCE

**Architectonics,** Bangalore, India | *Software Developer* · Nov. 2019 – Dec. 2020
- Developed API calls for various CRUD operations using Node and MongoDB for secure and persistent routing to the domain to develop a networking platform for professionals in the field of building construction and architecture
- Hosted the website on the cloud platform Heroku, while designing migration plans to Oracle cloud
- Implemented user experience and design thinking approaches to identify pain points in the existing website and revamped the UI using React.js and Google's Material UI Library
- Mentored a group of 3 interns by training them in JavaScript and React to use NPM packages to make the website mobile friendly and reviewing their code to ensure that coding standards were maintained

## PROJECTS

**Crypto Price Tracker** · Jun. 2021 – Aug. 2021
- A web application, that helps users track the real time prices of cryptocurrencies, by creating a customizable dashboard
- Built the web application using React.js and Char.js to display the prices for front-end and Node.js back-end with the CoinMarketCap API getting live prices of the cryptocurrencies, deployed on Heroku

**CanCURE** · May 2021 – Jun. 2021
- Developed a mockup of the website that aimed to provide a platform for undergraduate internships and research opportunities in the field of cancer biology, nanotechnology, and medicine
- Lead a team of four to deliver mockups, wireframes and prototypes using Adobe XD and Sketch, while developing a comprehensive brand messaging strategy

**Globex** · Jan. 2021 – Apr. 2021
- Engineered a solution by developing an ecosystem model to bring healthcare and emergency services under one umbrella to ensure that users have widespread access to healthcare professionals and emergency services in their cities
- Developed working code in Java, using extensive libraries in Swing for the frontend while using an open-source object database for handling data throughout the application
- Devised the code in an extensible manner to easily incorporate more organizations to reduce the risk of delayed or ignored diagnosis by making it a 24/7 online support by having an option to chat with a healthcare professional

## ACTIVITIES

**Northeastern University,** Boston, MA | *Customer Experience Technician* · Aug. 2021 – present
- Managed Northeastern University's Customer Service Center for providing technical support

**Dayananda Sagar Academy of Technology and Management,** Bangalore, India | *Editor* · Aug. 2018 – Aug. 2019
- Oversaw the content production for the Information Science department's seasonal newsletter