# Mediga Sai Koushik

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## Skills

**Languages :**

- C
- C++
- Javascript

**Frontend :**

- ReactJs
- React Native
- Redux
- Bootstrap
- HTML, CSS
- JQuery

**Backend :**

- Laravel
- Node.js

**Databases :**

- MySQL
- MongoDB

**Tools :**

- GIT
- AWS

## Hobbies

- Playing Piano
- Playing Badminton
- Playing/Watching cricket

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An Alumni of NIT, offering 2 years of experience in full stack software development include developing the UI, managing database, developing backend API's, designing/implementing technical solutions and feature improvements for various projects using technologies like ReactJs, React-Native, Node.js, Laravel, MySql, HTML, CSS, Javascript and Redux.

## Education

**2015 - 2019**  **B.Tech, Electronics and Communication Engineering.**(CGPA: 7.87/10.0)
NIT-Durgapur, West Bengal

**2012 - 2014**  **Higher Secondary education** (Percentage : 96.9/100)
Sri Chaitanya Junior College, Hyderabad, Telangana

**2011 - 2012**  **Secondary Education (SSC BOARD)** (CGPA: 9.8/10)
Narayana Concept School, Hyderabad, Telangana

## Experience

- **Software Engineer at BizAcuity Solutions Private Limited**        **JULY 2019 - Present**

  * *Accelerator (Role: UI developer)*
    - Developed UI and integrated with API's for bizacuity's product accelerator, an AI based SaaS platform that provides insights and predictions to gaming companies.
    - The UI is modern and responsive developed using bootstrap, CSS, metronic theme, Javascript and Jquery.

  * *Medtech Startup Application (Role: ReactJs, React Native and Node.js Developer)*
    - Developed mobile application using react native for healthcare workers to record patient data which is used for predictive analytics.
    - Added new api's using node.js as per requirement, implemented new features like two step authentication using firebase and report uploading functionality using firestore as database.
    - Also developed web dashboards and reports portal from scratch that provides key insights about recorded data using reactjs,ant design and apexcharts for frontend and node.js, MySql for backend.

  * *Landbank Application (Role: Laravel and React-Native Developer)*
    - Developed a Landbank web and mobile application for Hyderabad Collectorate to store all the land parcel details using Laravel and React Native.
    - Designed efficient database structure to store the data without any redundancy.
    - Simplified user experience by providing searching, sorting options and provided key information in the form of tags.Developed Admin panel for administrators to view and manage all the data.
    - Developed mobile application for land inspecting officers used while surveying the land to record its GPS coordinates, capture and upload images and videos of land.

  * *Attendance Tracking System (Role: Laravel and React-Native Developer)*
    - Worked on Attendance tracking system developed using Laravel and React Native build on top of Expo for Officers to record their attendance using facial recognition.
    - Implemented amazon rekognition API for creating a face profile for individual officer and also to verify their attendance through facial recognition, applied various strategies to avoid fake attendances.
    - Implemented push notification service for the officers to get notified about their attendance status.

  * *MICROSOFT DYNAMICS 365 (Role: Javascript Developer and Tester)*
    - Project is to migrate on-premise Customer Relationship Management system of PSAV client to on cloud Microsoft Dynamics 365.
    - Developed and tested solutions, plugins to maintain the same functionality in new migrated cloud application and also to customize it as per the business requirement.

## Personal Projects

- **Social Media Web Appliation** (MERN Stack)
  * Implemented simple social media features like users can follow other users. Users can post picture with description which can be liked and commented by other users.

- **Chat Web Application** (Node.Js,Socket.io)
  * Implemented chatrooms having basic functionality like whatsapp group chat.Users in same room can chat, see all the other users, see notification of users joining and leaving the room.