Mediga Sai Koushik

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Summary

Alumnus of NIT with 4 years of experience as a full stack developer. Skilled in developing user-friendly UIs and efficient backend APIs. Proficient in technologies such as Reactjs, Node.js, and Springboot. Passionate about building scalable and robust web and mobile applications.

Education

National Institute of Technology, Durgapur   2015–2019
Electronics and Communication Engineering

Skills

- Programming Languages: C, Java, Javascript

- Frontend: Reactjs, Redux, HTML, CSS, Bootstrap

- Backend: Node.js, Springboot, Laravel

- Databases: SQL, MongoDB

- Other: Git, AWS

Work Experience

Bizacuity Solutions Pvt Ltd   *Full Stack Developer*
Hyderabad   **2019–Present**

- **Credit Decision Engine**   *August 2022–Present*
  Role: Full Stack Developer   **MERN Stack**
  Web application for a bank to automate the credit decision process for loan applications.

  - Implemented interactive UI using React and MUI. Used formik to handle complex forms with hierarchical json structure.
  - Developed backend APIs to handle data retrieval and perform calculations for credit assessment.
  - Used AWS cognito for user authentication, authorization and role management.

- **Gaming Analytics Application**   *April 2021–July 2022*
  Role: Full stack Developer   **Springboot, MySQL, Javascript**
  SaaS application that leverages Machine Learning to provide insights and predictions on player data to gaming companies.

  - Converted requirements into features by participating in ideation and conducting research and development to efficiently implement them
  - Developed a user-friendly interface along with backend APIs, allowing users to seamlessly create ML models, run them and view results.

- **MedTech Startup Application**   *October 2020–March 2021*
  Role: Full stack Developer   **Reactjs, React Native, MySQL, Nodejs**
  Developed mobile application and web dashboards portal that records patient data which is used for predictive analytics.

  - Developed a mobile application using react native and expo that closely emulates the functionality of the existing Angular web application and also seamlessly integrates with the existing backend api's.

- Modified and implemented new api's as per the requirement. Additionally, implemented new features such as two-step authentication utilizing Firebase and integrated report uploading functionality using Firestore as the database.

- Have also created a web dashboards portal using reactjs and apexcharts that provides key insights of the recorded data. Developed api's with all filtering options for the same.

- **Landbank Application** *May 2020–September 2020*
  Role: Frontend Developer **React Native, MySQL, Laravel**
  Developed a Landbank web and mobile application for Hyderabad Collectorate to store all the land parcel details.

  - 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 using react native and expo for land inspecting officers which is used while surveying the land to record its GPS coordinates, capture and upload images and videos of land.

- **Attendance Tracking System** *January 2020–April 2020*
  Role: Full Stack Developer **React Native, MySQL, Laravel**
  Mobile application for government officers used to record their attendance using facial recognition.

  - Implemented amazon rekognition API for creating face profiles for individual officers 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.

- **Customer Relationship Management System** *October 2019–December 2019*
  Role: Javascript Developer and Tester
  Migrate CRM system from on premise to cloud Microsoft Dynamics 365.

  - Developd solutions, plugins to maintain the same functionality in new migrated cloud application and also to customize it as per the business requirement.Tested end to end workflows.

Trainings / Personal Projects

- **Training** *July 2019–September 2019*
  MySQL, ETL, Data Modelling, AWS, Springboot

- **Social Media Web Application**
  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.