SURAJ MANDAL

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EMPLOYMENT

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Full Stack Developer   Diatoz Solutions Private Limited   Dec 2019 - Present
- Responsible for the development of microservice web application projects. My responsibility was to work as a Full Stack Developer. Throughout my experience, I create pages, Integrate APIs, Integrate payment gateways, messaging platforms, Oauth2.0, and dialog flow in a project with best practices through Node js.
- Knowledge of handling databases MongoDB, SQL, and creating packages. Improved code quality, reduces server response time, uses the right data structures.

Software Developer, Intern   Diatoz Solutions Private Limited   Oct-Dec 2019
- I was in a team that was responsible for development works on backend applications, creates several Rest APIs, Integrated with front-end applications, uses MongoDB database, implements google dialog flow entity, intent integration to the applications.

Web Application, Intern   Edu-vitae   Summer, 2018
- Edu-Vitae is a growing EduTech startup founded by IIT-(BHU) graduates. I worked with Edu-Vitae to develop the company Website.
- I was responsible for implementing a payment process gateway for course purchases with stripe, added security features such as OTP and JWT token, stored multiple students and course collections data in MongoDB DataBase.

TECHNICAL EXPERIENCE

PROJECTS
- ***Life Data Project (Full Stack Developer)***   ***2019***
  Life Data E-commerce is an easy to use AI platform to add voice and Instant Messaging to all major eCommerce (Shopify, Woocommerce, Magento, Storeden) etc.

  Role: Full Stack Developer
  Responsibility: Create Apis, Data models, Create Pages, and Write Optimized Code.
  Technologies used: React Js, Redux, Node js, MongoDB, Npm libraries, AWS S3, Google Dialog Flow.
  link:- https://lifedata.ai/voice-commerce/

- ***EzeNotes (Full Stack Developer)***   ***2019***
  A study material sharing solution for students and educators with No More Worries about document storage, sharing, resources.

  Role: Full Stack Developer
  Responsibility: Initial Research, Create Web pages, Api's, Models, Bug Fixing and POC Implementation.
  Technologies used: ReactJs, Redux, Node js, MongoDB, Npm libraries, JWT, AWS S3, Elastic Search.
- ***Comparative Analysis of IPL data set***   ***2019***
  The objective of the project is to Carry out a comparative analysis of the IPL data set and Plot the number of matches played per year of all the years in IPL, Plot a stacked bar chart of matches won of all teams over all the years of IPL and, For the year 2016 plot the extra runs conceded per team, For the year 2015 plot the top economical bowlers, etc.

  Technologies used: Node js, MongoDB, Npm libraries.

EDUCATION

Bangalore, KA   **CHRIST UNIVERSITY**   **Fall 2015-2019**
B.Tech in Computer Science and Engineering   *CGPA 6.9*
  Under Graduate Course Work: Programming Languages, Data Structure & Algorithm, Computer Architecture, Networking, Operating System, Theory of Computing, Discrete Mathematics, Design Pattern, Mobile Application Development, Web Development, Database, and Management System, Mathematical and Probability.

LANGUAGE AND TECHNOLOGY

- Programming Languages: **JavaScript, C++, Python**.
- Document Designed languages -**HTML5, CSS3, BootStrap, Material UI**.
- Experience with Common Databases: **MongoDB, PostgreSQL, NoSQL, and SQL**.
- Experience with common Front-end / Back-end Development Frameworks: **Vue js, React js, Express js, Node js, Redux**.
- Software Experience: **VS Code, Linux(Ubuntu), Atom, Bracket Editor**,
- Familiarity with code version tools **(Such as Git and Bitbucket, Gitlab)**
- Strong Knowledge of **Data Structure And Algorithm**
- Working Experience with containers like **Docker** and knowledge of **CI/CD** processes.