REGULAPATI NAGA SAI

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SKILLS

- **Languages**:   C++, Java, Python, JavaScript, Kotlin
- **Frameworks**:   HTML, CSS, Bootstrap, React.js, Express, NodeJS, App Routing, API Integration.
- **Tools/Platforms**:   MySQL, MongoDB, Git
- **Soft Skills**:   Problem Solving Skills, Team Player, Adaptability, Critical Thinking

SUMMER TRAINING

Board Infinity – Edtech Company: *March 2023-Jul 2023*

JavaScript training

- **About**: Developed a responsive website and built user-friendly quote and ID card generation tools. The tools incorporated features that streamlined creation and ensured data validity. This experience honed my expertise in JavaScript, algorithm development, and web security principles.
- **Tech stacks:** Html, CSS, JavaScript, React.js.

PROJECTS

- **Restaurant Website: Advanced Dining Experience using MERN stack.**   *February 2024 – May 2024*
- Engineered a dynamic platform for connecting server-side and client-side, utilizing a full-stack approach with JavaScript, ReactJS, NodeJS, ExpressJS, and MongoDB.
- Optimized state management with Redux, enhancing data handling and application performance, reducing data retrieval time by 25%.
- Designed an intuitive and responsive user interface using Material UI, ensuring a seamless user experience across devices.
- Executed CRUD operations in MongoDB, managing databases, and developing end-to-end applications.
  Tech: JavaScript, ReactJS, NodeJS, ExpressJS, MongoDB, Redux, Material UI

- **Intent Mapping Excel Queries: Matching data queries with predefined intents.**   *December 2023 – January 2024*
- Developed a system to segregate user queries between different intents and provide the perfect matched intent query remark.
- Integrated data from Excel using openpyxl for enhanced performance.
- Applied a Sentence Transformer and a similarity threshold to aid in the lemmatization of sentences and used cosine scores to compare the semantic meaning of sentences.
- Achieved 85% accuracy by utilizing the spacy model for sentence transformation.
  Tech: Python, Spacy Model, Excel, Anaconda.

- **Car and Bike Rental Website: Created an intuitive and efficient rental website**   *August 2023 – October 2023*
- Leveraged a full-stack application, combining HTML, CSS, and JavaScript for the front end, and ReactJS, NodeJS, ExpressJS, and MongoDB for the back end.
- Refined user experience design, database management, and end-to-end application development.
- Executed practical experience in database connectivity, CRUD operations, and data modeling.
  Tech: HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS, MongoDB.

CERTIFICATES

- Advanced React and React Native by Coursera   *November 2023*
- Mastering Data Structures and Algorithm by Board Infinity   *August 2023*
- The Complete Web Development Boot Camp by Udemy   *August 2022*
- Mastering MongoDB: Introduction, CRUD Operations, and Database Connectivity for Students.   *July 2024*

ACHIEVEMENTS

- **Solved 100 problems on Leet code**   *March 2024*
- **3-star rating for C++ on Hacker rank**   *December 2023*
- **Ranked among Dean's top 10% students at University**   *November 2023*
- **Volunteered for Community Development with Kriti Trust**   *June 2022*

EDUCATION

- **Lovely Professional University**   Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.3***   *Since August 2021*

- **Sri Chaitanya Junior College**   Hyderabad, Telangana
  *Intermediate; **Percentage: 95.2%***   *April 2019 - May 2021*

- **Gowtham Model School**   Hyderabad, Telangana
  *Matriculation; **Percentage: 93%***   *April 2018 - March 2019*