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| **GitHub** | **:** | [github.com/psurigithub](https://github.com/psurigithub) |  | |



**Experience**



**DataNimbus** (February 2024 - July 2024)

**Role :** Junior Technical Engineer

**Project:** Application Management & Infrastructure Development

* Developed and deployed custom application use cases to meet diverse client requirements.
* Created custom backend functionalities with **Node.js** to address specific client needs.
* Streamlined application management through containerization and orchestration technologies, improving deployment efficiency.
* **Technologies Used**: JavaScript, NodeJS, MongoDB, Docker, Kubernetes.

**Education**



**NxtWave Disruptive Technologies** (May 2022 - Ongoing)

**Industry Ready Certification in Full-stack Development.**

**Sasi Institute of Technology & Engineering, Tadepalligudem, Andhra Pradesh**

**B. Tech in Mechanical Engineering** (2018-2021) – First Class scored **7.5 CGPA** (JNTU-K).

**Akula Sreeramulu College of Engineering, Tetali-Tanuku, Andhra Pradesh**

**Diploma in Mechanical Engineering** (2015-2018) – Distinction Scored **75.35%** (SBTET).

**Z.P. High School, Andhra Pradesh**

**SSC** (2014-2015) – First Class Scored **7.3 CGPA** (State Board of Secondary Education).

Skills



**Technical Skills**: -

* **Microsoft Office :** Word, PowerPoint, Excel.

● **Frontend** : HTML, CSS, Bootstrap, JavaScript, React.js.

* **Backend**:: Python, Object-Oriented Programming (OOP), Express.js, Node.js, RESTful APIs.
* **Databases**: SQLite, MongoDB.

● **Tools** **:** Visual Studio**,**Docker, Kubernetes, Git, Postman.

**Non - Technical Skills: -**

* Analytical, Reasoning, Teamwork and Problem Solving.

**Projects**



**Contacts Management Application** [**(Link**](https://contacts-management-app-clox.onrender.com/)**) (**[**GitHub**](https://github.com/psurigithub/contacts.git)**)**

* **Developed both the backend and frontend** of a Contacts Management Application, encompassing **CRUD operations**, **contact merging**, **data validations**, **authentication**, and a responsive **user interface** for optimal user experience.
* **Implemented secure login and registration forms** with real-time validation and conditional routing based on authentication status, utilizing **JWT tokens** for access control and **local storage** for token management.
* **Developed and maintained RESTful APIs** with **Node.js** and **Express.js** to enhance backend functionality, ensuring optimized data flow and improved system efficiency.
* **Managed databases with MongoDB Atlas** for effective data storage and retrieval, optimizing query performance with aggregation techniques.

**Technologies Used:** MERN stack (MongoDB Atlas, Express.js, React.js, Node.js), JWT for authentication, local storage

**Tools Used:** Visual Studio, GitHub, Postman

**To-dos Application** [**(stodoapp.ccbp.tech)**](http://stodoapp.ccbp.tech/)

* Implemented To-do crud operations by using JavaScript event listeners and updated UI dynamically by using JavaScript DOM operations.
* Used Arrays, Objects and their methods during To-do list CRUD

Operations, Persisted To-do list state on page reloads using local storage methods.

**Technologies used:** HTML, CSS, JS, Bootstrap.

**Declaration**



I hereby declare that the above particulars of information and facts stated are true, correct, and complete to the best of my knowledge and belief.

Place:

Date:

P.Suri Babu

(signature).