GURKAWALBIR SINGH

SOFTWARE DEVELOPER

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Education

THAPAR INSTITUTE OF ENGINEERING AND TECHNOLOGY **Patiala, Punjab, India**
Bachelor of Technology, 9.32 CGPA *(2019-2023)*
- **Computer Science Engineering:** COPC
- Merit Scholarship holder

GURU NANAK INTERNATIONAL PUBLIC SCHOOL **Ludhiana, Punjab, India**
Non Medical *(2005-2019)*
- +2 : 95 percent

Experience

CELIGO INDIA LIMITED **Hyderabad, India**
Software Engineer-2 *(Jan 2023 - Dec-2023)*
- **Flow Builder Maintenance :**
  Led the initiative for comprehensive maintenance of flows and integrations in the Flow Builder framework at Celigo India. Oversaw Mapper 2.0 intricacies and addressed multifaceted epics within the system.
- **Integration Analytics Panel :**
  Implemented an advanced Integration Analytics Panel, enhancing operational efficiency. The dynamic dashboard monitors flows in the production environment, featuring real-time tracking of imports, exports, and lookups through visually engaging graphs and charts using Recharts, Chart.js and Tailwind CSS.
- **Automated REST API Functionalities :**
  Brought a paradigm shift by automating REST API functionalities, ensuring seamless backend processes for harmonious integration. Meticulous attention to detail streamlined workflows and fortified system robustness.
- **Upgraded Jest Version and Testing Environment :**
  Enhanced the testing framework by upgrading Jest to the latest version. Simultaneously transitioned testing from Travis pipeline to GitHub Actions, optimizing processes. The revamped setup automatically reruns failed test cases until successful, boosting testing reliability and software integrity.

Personal Projects

- **EXERCISE TRACKER (Web App) -** Link
  Modern Fitness Exercises App using two separate APIs, ReactJS and Material UI with the functionality to choose exercise categories and specific muscle groups
- **MyuSyncUp (Full Stack) -** Link
  Streamlined project management dashboard with Firebase for real-time data sync, Redux for state control, React for dynamic interfaces, and CSS styling. Facilitates secure login, project addition, and task assignment.
- **Gericht Restaurant (UI/UX) -** Link
  Transforming a Figma design into a fully functioning website, using masterful CSS skills, and creating modern and responsive ReactJS websites.
- **Netflix Clone -** Link
  Designed and implemented a user-friendly interface, incorporating responsive design principles. Developed features mirroring the functionality of the Netflix platform, demonstrating skills in React.js, CSS, and Rapid API. This project highlights my ability to replicate complex interfaces and implement solutions.
- **Cryptoverse : (Cryptocurrency App) -** Link
  Utilizing React for front-end, implementing state management through Redux Toolkit, crafting user interfaces with Ant Design, integrating Chart.js for dynamic chart creation, and fetching data from diverse sources via Google API in the construction of a Cryptocurrency App.

Technical Skills

Languages/Framesorks: C++, JavaScript, RESTful APIs, UI/UX, HTML5, Python, CSS3, Material UI, Git, React, Vue.Js Express.js, Node.js, MongoDB, Bootstrap, jQuery, GitHub, Travis, Jest, Django, JIRA, Scrum
Soft skills: Debugging, Collaboration, Grit, Critical Thinking, Attention to detail, Leadership, Agile Methodology, Code Review, Reliability