GURKAWALBIR SINGH
SOFTWARE DEVELOPER

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EDUCATION

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

ABOUT

Highly skilled and innovative **Frontend/Software Developer** with a proven track record of designing and building **robust**, **scalable**, and **fault-tolerant** systems. Adept at leading initiatives for comprehensive maintenance, addressing **complex challenges**, and enhancing **software testing** frameworks. Proven ability to participate in the entire **software lifecycle**, balancing **product feature development** with operational concerns. Leveraged a diverse set of internal tools to optimize software development.

PROFESSIONAL EXPERIENCE

CELIGO INDIA LIMITED   **Hyderabad, India**
Software Engineer-2   *(Jan 2023 - Dec-2023)*
- **Integration Analytics Panel**: Spearheaded the implementation of an advanced **Integration Analytics Panel**, significantly enhancing **operational efficiency**. Developed a dynamic dashboard to **monitor flows** in the production environment, providing real-time tracking of imports, exports, and lookups.
  <u>Result</u>: Improved decision-making processes and workflow optimization, leading to a **15%** increase in productivity.
- **Upgraded Jest Version and Testing Environment**: Enhanced the testing framework by upgrading **Jest** to the latest version and transitioning testing from the **Travis** pipeline to **GitHub Actions**. Implemented a revamped setup that automatically reruns failed test cases until successful, improving testing reliability and software integrity.
  Result: Enhanced testing efficiency and reduced time-to-resolution by **25%** through optimized **testing processes**.
- **Flow Builder Maintenance:** Led a comprehensive initiative to maintain flows and integrations in the Flow Builder framework at Celigo India. Managed intricacies of **Mapper 2.0** and addressed multifaceted epics within the system.
  <u>Result</u>: Streamlined flow maintenance processes, resulting in a **20%** reduction in turnaround time for issue resolution.

EDUDICTIVE   **Remote**
UI *Intern*   *(June 2021 - Aug 2021)*
- **Automated REST API Functionalities**: Introduced automation to REST API functionalities, ensuring seamless **backend processes** for integration. Paid meticulous attention to detail to streamline workflows and fortify system robustness.
  <u>Result</u>: Achieved a **30%** reduction in **manual intervention**, resulting in increased efficiency and reliability.

SKILLSET

- **Technical Skills:** C++, JavaScript, ReactJs, NextJs, Kubernetes, Docker, RESTful APIs, UI/UX, HTML5, Python, CSS3, Material UI, Git, Vue.Js Express.js, Node.js, MongoDB, Bootstrap, jQuery, GitHub, Travis, Jest, Django, JIRA, Scrum
- **Communication Skills:** Effective communicator, capable of explaining complex technical concepts to non-technical audiences. Debugging, Collaboration, Grit, Critical Thinking, , Code Review, Reliability
- **Analytical Skills:** Strong ability in problem-solving and debugging, with a keen eye for optimizing code and improving software functionality, Attention to detail, Agile Methodology

PROJECTS

- **MyuSyncUp (Full Stack) –** <u>Link</u> **:** 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) –** <u>Link</u> **:** Transforming a Figma design into a fully functioning website, using masterful CSS skills, and creating modern and responsive ReactJS websites.
- **Netflix Clone –** <u>Link</u> **:** 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.
- **EXERCISE TRACKER (Web App) :** Modern Fitness Exercises App using two separate APIs, ReactJS and Material UI with the functionality to choose exercise categories and specific muscle groups
- **Data Visualisation of Airbnb New York City | MS Excel, Tableau Interactive Dashboard** – Created a Dashboard showing the performance of various properties in the New York on Tableau and Excel. – Worked with Pivot Tables and Pivot Charts on a sample dataset "Airbnb New City Data" with 37000+ entries.