Janred Salubayba

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Education

University of Houston, Houston, TX
Bachelor of Science, Computer Science, Honors Program   **Expected May 2026**
Relevant Coursework: Object-Oriented Programming, Data Structures, Computer Architecture, Operating Systems

Skills

Application Software / Frameworks: Node.js, Express, Power Automate, React.js, MySQL, Google Apps Script
Programming Languages: C++, C, Python, Java, JavaScript, HTML/CSS, SQL, R
Technologies: Git, GitHub, Power BI, API Integration, Web Sockets, Database Development, Operating Systems
Cloud Platforms & Deployment: Microsoft Azure, Azure MySQL Database, Web Application Deployment (Azure)

Experience

NASA | Database Development and Management Intern – Stennis Space Center, MS   Jan 2023 – May 2023
- Developed a currently in-use database, allowing personnel to easily access information on various projects
- Created 20+ custom columns with dynamic field formatting, allowing researchers to focus more on project analysis
- Automated CSV imports for over 1,000 NASA-funded research and development projects using Power Automate
- Collaborated with NASA personnel to optimize database usability based on user needs, ensuring efficient access

Society of Asian Scientists and Engineers (SASE) | Web Development Intern – Houston, TX   Jan 2025 – Present
- Work with web developer to manage SASE's online presence, including chapter website and Discord moderation
- Automated a Google Sheet to consolidate form responses for 400+ members across multiple events

Panda Express | Cook – Houston, TX   Dec 2020 – Jan 2023
- Managed high-volume kitchen tasks while balancing academics, ensuring efficient order fulfillment
- Assisted with inventory management, money handling, and training new cooks to maintain quality and efficiency

Project Experience

AI Chat and PDF Analysis Tool | Node.js, Express, Socket.IO, OpenAI API   HackTx - Nov 2024
- Collaborated with a team of 4 to build an AI-driven chat and PDF Analyzer tool using OpenAI API
- Streamlined data handling and storage to enhance real-time, context-aware responses to improve user engagement

Notes Database Management Software | Node.js, Express, MySQL   Dec 2024 - Jan 2025
- Built a secure web-based notes app with CRUD operations and password-protect database modifications
- Enhanced UI responsiveness with JavaScript and CSS for dynamic content updates

Personal Website | React.js, HTML/CSS   Oct 2024 – Dec 2024
- Developed a responsive portfolio website using React.js with interactive elements and modern UI design
- Integrated animations and structured design to improve user engagement and visual appeal

Real-Time Chat Application | Node.js, JavaScript, Socket.IO   Aug 2024 – Oct 2024
- Implemented real-time messaging using Express and WebSockets for dynamic user interactions
- Strengthened knowledge of WebSocket communication and real-time server management

Discord Music Bot with YouTube Integration | JavaScript   Oct 2022 – Dec 2022
- Created Discord bot integrated YouTube API for seamless music search and playlist management
- Improved skills in API integration, asynchronous programming, and real-time user experience

Space Exploration Game | C++   Nov 2023 – Dec 2023
- Designed a text-based space exploration game with resource management and randomized events
- Applied object-oriented principles to create interactive planets, spaceships, and gameplay logic

VEX Robotics | Python, Scratch   Dec 2021 – May 2022
- Programmed controller-to-robot communication for autonomous and driver-controller operations
- Contributed to a 3rd place finish at Texas state competition, remaining undefeated in the autonomous stage

Extracurricular

Society of Asian Scientists and Engineers (SASE) | Professional Member   Aug 2024 – Present
- Volunteered in community service efforts, including filling 30+ bags of food for animal shelters
- Attended professional development workshops and networking events enhancing skills for career development