JOHN BERNAD JOHNSON

Ernakulam, Kerala

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SKILLS

- Languages: C, C++, Python, Java, JavaScript, HTML, CSS, SQL
- OS: Windows, Mac, Linux – Kali Linux
- IDE: Visual Studio Code, Jupyter Notebook
- Interests: Cyber security, Ethical hacking, IoT, AI/ML
- Other : Flask, SQLAlchemy

Additional Skills

- Excellent communicator, well-organized, outstanding leader, and teammate.
- Strong time management, passionate, creative problem solving and analytical skills.
- Eager to learn new technology and have a keen eye for detail.
- Able to multitask and work under minimal supervision.

ACADEMIC PROJECTS

Farmers Management System (FMS)   May 2023 – Present
Mini Project, RSET

- Developed and implemented a user-friendly web application enabling farmers to directly sell their products to customers, eliminating intermediaries and maximizing profits.
- Created a seamless platform within FMS, allowing farmers to easily create profiles, list their products, and interact with customers, streamlining the online sales process.
- Facilitated global collaboration among farmers by incorporating a discussion forum in FMS, fostering a supportive community for knowledge sharing, experience exchange, and advice-seeking, empowering new farmers to overcome challenges and learn farming techniques.
- Integrated real-time weather information into FMS, equipping farmers with up-to-date weather data, enabling them to make informed decisions on crop cultivation and irrigation, mitigating risks associated with unpredictable weather conditions.

Batsmen's run rate calculator in C++   At School
- Develop a basic program to calculate the run rate of batsmen in cricket

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VOLUNTEERING EXPERIENCE

- Participated in various seminars and webinars as a member of Innovation and Entrepreneurship Development Center (IEDC).
- Representative of placement cell at RSET.
- Conducted social activities as a part of Social Education and Basic Awareness (SEBA) at Chavara CMI Public School.

CERTIFICATIONS

Technical Support Fundamentals, Google   August – October 2021
Bits and Bytes of Computer Networking, Google   April – May 2021
Internship, NeST Institute of Fibre Optics   October 2022
- Familiarized with Kali Linux.
- Actively participated in multiple capture the flag exercises.

LANGUAGES

- English (Professional Proficiency)
- Malayalam (Native Language)
- Hindi (Limited Proficiency)
- French (Basic proficiency)

EDUCATION

Rajagiri School of Engineering and Technology, Ernakulam, Kerala   November 2020 – Present
- Bachelor of Technology (B.Tech) – Information Technology

Chavara CMI Public School, Kottayam, Kerala   June 2018 – March 2020
- Graduated grade 12 with 90.2%

International Indian School, Riyadh   June 2014 – March 2018
- Graduated grade 10 with 92.2% and scoring the highest marks in the school for French.