BRYAN N. LOMERIO

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LinkedIn | GitHub | Portfolio

Computer Science graduate with hands-on experience in programming, networking, and database management. I have a solid foundation in various programming languages and frameworks, and I'm keen on learning new technologies. I enjoy solving problems and am looking for a role where I can contribute to a team and deliver quality work.

TECHNICAL EXPERTISE

- **Languages**: JavaScript (ES6), SQL, Python
- **Web Development**: Express.js, React.js, Tailwind CSS, Node.js, HTML, CSS
- **Database**: MongoDB, MySQL
- **API Testing**: Postman
- **Version Control**: Git
- **Network Security Tools**: Wireshark, Nmap
- **Networking**: Basic configuration and maintenance of network devices, network security, and troubleshooting.
- **Others**: Technical Support, Network Security, IT Helpdesk, Hardware Installation.

PROFESSIONAL BACKGROUND

Junior Full Stack Developer (Intern)   2023
IntelliSeven Technology Solutions Inc.
6th Floor Penthouse, West City Plaza, West Avenue, Quezon City, Philippines.

- Mastered Express.js and MongoDB on Cats API Activity and DatesFruit Ph backend, showcasing adaptability and problem-solving skills.
- Developed user interfaces for 1568 Realty website's admin side, demonstrating versatility and broadening skill set.
- Leveraged mentorship at Intelliseven to enhance technical abilities and interpersonal skills, demonstrating commitment to continuous learning and development.
- Fostered a learning environment through active collaboration and mentorship.
- Demonstrated commitment to professional growth and preparedness for challenges.

ACADEMIC BACKGROUND

Bachelor of Science in Computer Science   2020 – 2024
Camarines Sur Polytechnic Colleges

- *Dean's Lister: 2022-2023, 2023-2024*
- *Best in Research Paper (Exploring pretrained YOLOP for lane detection In autonomous vehicle)*
- *2nd Best Research at 4th International Research Congress Department Best Thesis Awardee*

Senior High School Diploma 2014 – 2020
University of Saint Anthony
Camarines Sur, Philippines
  • *With Honors*

INDEPENDENT PROJECTS

One Piece Pomodoro
  • **Designed** an interface inspired by the One Piece theme.
  • **Engineered** timer functionality using React components, streamlining the productivity process for users.
  Technologies Used: React.js, Javascript

Anino's Toy Collections
  • **Crafted** an attractive and intuitive interface, significantly improving user engagement.
  • **Developed** reusable components, boosting development efficiency and maintainability.
  • **Integrated** seamless navigation, ensuring a cohesive and satisfying user journey.
  Technologies Used: React.js, RESTful APIs, Javascript

To-Do-List
  • **Developed** a simple task management system that allows user to add, edit, and manage tasks.
  • **Enhanced** user experience by implementing intuitive event handlers and state management.
  Technologies Used: React.js, HTML, CSS

Snake Game
  • **Created** a Snake game using Python and Pygame, implementing core game functionalities like movement and collision detection.
  Technologies Used: Python, Pygame

Salary-Prediction
  • **Implemented** API endpoints and integrated with the frontend.
  • **Predictive Modeling** implements a Random Forest Regressor model to predict salaries based on input parameters.
  Technologies Used: Express.js, MongoDB

E-commerce Portal
  • **Engineered** a Flask-based e-commerce platform with advance filtering, pagination, and cart management features.
  • **Streamlined** admin panel functionality for efficient management of product listings.
  Technologies Used: Python, Flask, SQLite3, HTML, CSS, Bootstrap, JavaScript

PSUB Online Attendance
  • **Designed** and **Implemented** an Online Attendance Management System, Improving attendance tracking efficiency.
  Technologies Used: CCS, PHP, Javascript

Mock-up Design
- **Created** visual representations and prototypes of user interfaces and experiences. Essential in early stages of design process for digital products or systems.
  Technologies Used: Figma

Network Penetration Testing Project
- **Conducted** in-depth penetration testing on simulated networks, identifying and mitigating security vulnerabilities
  Technologies Used: Nmap, Wireshark, Metasploit.