Biswajit Sahoo

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Professional Summary

Aspiring Network Engineer with a strong foundation in networking concepts, cybersecurity, and system administration. Experienced in configuring, managing, and troubleshooting network infrastructures, combined with creative experience in social media design. Currently expanding technical expertise into Data Science and Kotlin development to build secure, data-driven applications.

Technical Skills

Networking: Routing, Switching, Firewalls, TCP/IP, LAN/WAN

Systems & Security: Network Configuration & Troubleshooting, Cybersecurity Fundamentals, Windows & Linux System Administration

Data Science: Currently learning data analysis, statistical modeling, and Python-based data processing.

Programming & Web: Kotlin (Android/Logic), HTML, CSS

Design: UI/UX Design (Figma, Canva), Graphic Design, Social Media Content Creation

Technical Projects

Password Manager (Kotlin): Developed a secure local vault for credential management using Kotlin, focusing on secure data storage and user authentication.

ESP32 Display Simulator: Created a simulation environment for ESP32-based display modules to test visual layouts and interface logic without physical hardware.

IoT Automation System: Developed a home automation system using ESP32, relay boards, and IoT integration.

Mess Management System: Built a streamlined system to manage meal tracking, billing, and attendance for student/hostel mess facilities.

Offline Course Tracker: Designed an application to help students track syllabus progress and study hours without requiring an active internet connection.

Network Simulation: Created and tested small-scale network topologies using Cisco Packet Tracer.

Professional Experience

Freelance Network & IT Support | 2022 – Present

• Assisted in configuring small-scale networks including routers and switches.

• Provided troubleshooting support for connectivity, software, and hardware issues.

• Helped peers and local clients set up secure Wi-Fi and LAN connections.

Social Media Designer Intern | Jarurat Care | 2024

• Designed engaging social media posts and promotional materials to enhance brand visibility.

• Collaborated with the team to deliver impactful visual campaigns and improved audience engagement.

Education

B.Tech in Computer Science & Engineering (Cybersecurity) | 3rd Year | Sambalpur University

Relevant Coursework: Data Structures, Algorithms, Artificial Intelligence, Cybersecurity.