

Nikhil Kadapala

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WORK EXPERIENCE

Tata Consultancy Services (TCS)

Nagpur, India

SAP Security Consultant

September 2020 – August 2022

- Managed user accounts, roles, and authorizations within SAP systems which involves creating and maintaining user profiles, assigning appropriate roles and authorizations, and ensuring segregation of duties (SoD) compliance.
- Configured and implemented security measures within SAP systems, such as user authentication, password policies, encryption, and secure communication protocols.
- Monitored and responded to security incidents within SAP systems by investigating and resolving security breaches, conducting forensic analysis, and implementing preventive measures to mitigate future risks.
- Ensured compliance with industry regulations and internal security policies like conducting regular compliance audits, implementing controls, and addressing any non-compliance issues.
- Performed troubleshooting on business intelligence reports to resolve data synchronization issues from the back-end sources and updated user access to reports based on organizational restructuring from time to time.
- Provided training and awareness programs to educate SAP system users on security best practices, policies, and procedures.
- Created and maintained documentation related to security configurations, policies, procedures, and incident response plans.
- Collaborated with cross-functional teams, including IT, risk management, and audit teams, to address security-related concerns and provide expert advice on SAP security matters.

Electronics Corporation of India Limited (ECIL)

Hyderabad, India

Intern

May 2019 - August 2019

- Automated Pipeline for oil (petroleum) through Programmable Logic Controller (PLC) and SCADA (Supervisory Control and Data Acquisition) software.
- Executed control logic based on input signals from sensors and other sources that regulate the operation of pumps, valves, and other equipment to maintain desired pipeline parameters within specified limits.
- Monitored critical parameters and generated alarms in case of deviations or abnormal conditions to promptly notify the Operators so that appropriate actions can be taken to mitigate risks.
- Collected data from sensors and equipment using PLCs, and used SCADA software to view real-time data, and generate reports for analysis and decision-making.
- Utilized SCADA systems to perform diagnostics and log operational data, facilitating maintenance and troubleshooting activities to identify potential failures or performance issues, allowing predictive maintenance planning.
- Worked on integrating SCADA systems with external systems like SAP(ERP System) to exchange data and coordinate actions like business decision-making using SAP Business Warehouse(BW), and preventive maintenance using SAP Plant Maintenance(PM).

LEADERSHIP EXPERIENCE

Krazybee (Finnovation Tech Solutions Limited)

Hyderabad, India

Campus Ambassador

August 2017 – May 2019

- Responsible for driving product advertising, promotional events, and student sign-ups.
- Successfully organized and executed promotional events to create awareness and generate interest among college students.
- Implemented effective advertising strategies to increase brand visibility and attract student users to the platform by collaborating with college authorities, student organizations, and influencers to maximize outreach and engagement.
- Achieved high student sign-up rates by delivering persuasive presentations and effectively communicating the platform's benefits.
- Developed and maintained strong relationships with key stakeholders, including college management, faculty, and student community leaders.

- Monitored and analyzed marketing campaign performance, adjusting strategies as needed to optimize results.
- Actively contributed to the growth of the platform by consistently meeting and exceeding sign-up targets.
- Demonstrated excellent interpersonal skills in building rapport with students, understanding their needs, and offering tailored solutions.
- Provided regular reports and updates to the management team on campaign progress, student feedback, and market insights.
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Chaitanya Bharathi Institute of Technology

Coordinator

Hyderabad, India

March 2018

- Organized logistics operations for SYNAPSE 2K19, a national-level technical symposium of the Electronics department, as part of SUDHEE 2019 (National Level Students' Technical Fest).
- Responsible for recruiting, training, and overseeing volunteers and assigning tasks based on their area of interest and needs of the event.

CAPSTONE PROJECT

Smart Irrigation Monitoring System using IoT

- Developed a cost-effective Smart Irrigation Monitoring System using IoT as a capstone project.
- Designed a solution to monitor agricultural fields autonomously, eliminating the need for human intervention.
- Implemented remote control of irrigation based on real-time measurements of atmospheric and soil parameters.
- Utilized a network of sensors to collect data, which was transmitted to the cloud for storage and analysis.
- Developed predefined triggers and rules to monitor and act upon the collected data effectively.
- Leveraged IoT technology to enable efficient monitoring, analysis, and control of irrigation processes.
- Demonstrated strong problem-solving skills in developing a scalable and sustainable solution for agricultural automation.
- Showcased proficiency in data analysis and cloud computing for real-time decision-making in the agricultural sector.
- Collaborated with a team to successfully execute the project, ensuring seamless integration of hardware and software components.
- Presented the project findings and outcomes to faculty and peers, highlighting the potential impact on optimizing irrigation practices.

EDUCATION

University of New Hampshire

MS in Computer Science

Durham, NH

Current student

- Completed courses: Data Structures and Algorithms(Java), Computer Organization & system programming(C), Database Management systems, and Software Security.
- Current courses: Computer Networks, Operating systems, Computer Graphics

Chaitanya Bharathi Institute of Technology

BE in Electronics and Communication Engineering

Hyderabad, India

Graduation Date: September 2020

SKILLS & INTERESTS

Skills: C | C++ | Java | Python | SQL | Tableau | Power BI | SAP | Microsoft Office

Interests: AI & Machine Learning, History & Politics, Screenwriting, Cooking, Cricket