

Nerella Pavan Kalyan Goud

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Skills

Languages: AL, CAL, SQL, HTML, basics of Java, Python and C#

Technologies & Tools: Microsoft Azure, Docker, Microsoft Business Central 365, Microsoft Dynamics NAV, Azure DevOps, ATDD, Debugging, RDLC, Power Automate, Visual Studio, Agile Development, Power Apps, .NET Framework, Software Development, ERP.

Work Experience

Aptean, Madurai Aug 2024 - Present **PRODUCT DEVELOPER, CUSTOM DEVT PS**

- Developed and consumed APIs using OData and RESTful services.
- Integrated eCommerce platforms, including WooCommerce, with Business Central.
- Implemented custom mobile app integrations for Warehouse management and MobileFrame.
- Provided technical support and training to junior developers in D365 development, improving team proficiency.
- Developed custom solutions and implemented ATDD (Acceptance Test-Driven Development) for Business Central applications tailored for the Food & Beverage industry, ensuring efficient business processes and high-quality software delivery.

Aptean, Madurai Aug 2022 – Aug 2024 **ASSOCIATE PRODUCT DEVELOPER, CUSTOM DEVT PS**

- Specialized in custom development for professional services, managing the entire project lifecycle from requirement gathering to deployment.
- Collaborated with functional consultants to gather requirements and translate them into Technical Solution Documentation.
- Provided accurate development estimates and led end-to-end development efforts, ensuring timely project delivery.
- Built and optimized Business Central applications for equipment sales, servicing, and transfers, ensuring seamless operations and improved workflow efficiency.
- Led migration projects, upgrading customers from Navision (NAV 2009 R2, NAV 2015) to the latest Business Central versions, ensuring smooth transitions.

Aptean, Madurai Jan 2022 – Aug 2022 **Intern, Development**

- Started as an intern at Aptean in January 2022, building a strong foundation in ERP systems, particularly Microsoft Dynamics 365 Business Central and Navision.
- Gained hands-on experience in ERP functionality, customization, and implementation.
- Developed expertise in configuring, customizing, and extending ERP solutions to meet business requirements.

Education

Satyabhama Institute of Science and Technology Chennai June 2018 - Jun 2022 B.E. in Computer Science and Engineering
CGPA: 8.54/10 Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Project Work

• Cloud-Based Production Mirroring Solution (2024):

Designed and implemented a cloud-based production mirroring solution using Azure Services, Docker, Flask, and REST APIs, optimizing SLA adherence and reducing MTTR from 2-7 days to 3 hours - 1 day by enabling rapid issue replication, RCA, and resolution.

• Traffic Classification in SDN Networks Using Machine Learning (2022):

Developed a system for real-time classification of network traffic in Software-Defined Networking (SDN) environments using machine learning algorithms. The system accurately identifies and categorizes traffic types such as Ping, Telnet, DNS, and Voice traffic, enabling enhanced network monitoring, security, and optimization.

Achievements and KPI's:

- Achieved highest Individual billability utilization (86%) for India and China in 2024, with an outstanding 110% utilization in Q4 2024 in professional services.
- Received the GEM Award (2023 Q1 & 2024 Q3) for outstanding customer satisfaction and service excellence.

Publications:

- Research Paper Published in 2022 IEEE Conference held in Chennai - Traffic Classification of SDN Network Using Machine Learning Algorithms