



Praveen Kariyaiah Shivanna

Nationality: Indian **Date of birth:** 17.07.1989 **Gender:** Male

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Website: <https://github.com/praveen-k-shivanna>

Home: #350, Navilu Road, Kuvempunagar, 570023 Mysore (India)

PROFILE SUMMARY

Experienced technology analyst with 8+ years of experience and a robust background in ERP analysis, design, configuration, implementation, testing, and support. Holding a master's degree in microelectronics from the University of Newcastle upon Tyne, United Kingdom, I bring a wealth of technical expertise to the table. Recognized for my strong organizational skills, meticulous attention to detail, ability to multitask, and ability to foster collaborations, I excel at managing multiple projects simultaneously while upholding a high standard of accuracy and quality. Seeking to leverage my vast experience in software development, where I can continue to grow professionally and make significant and meaningful contributions to the organization.

KEY SKILLS

1. Software Development: Full-Stack Development.
2. ERP: SAP S/4 HANA, ECC 6.0, and SAP BusinessOne.
3. Programming and Scripting: SQL, Python, HTML5, CSS, and JavaScripting.
4. Frontend Development: Angular, React, and Bootstrap.
5. Backend Development: RESTful Web APIs, Django, and Express.js (Node.js).
6. Database: Oracle SQL, Procedural PL/SQL, and SAP HANA.
7. Version Control: GitHub and basic interaction with Linux servers via the command line (CLI).
8. DevOps: Continuous Integration (CI/CD) pipelines, containerization with Docker and Kubernetes.
9. Web Design: Visual User Interface UI and overall User Experience UX designer.
10. Configuration: Database modelling, master data configuration, and database migration.
11. Agile Methodology: Kanban and Scrum utilizing Jira.
12. Machine Learning Algorithms & Tools: Deep-Q-Networks (DQN), Scikit-learn, PyTorch, and RapidMiner.
13. Cloud Computing: OpenStack Infrastructure as a Service (IaaS) deployed on Linux RedHat Enterprise and CentOS.
14. ERP Modules: Finance-and-control, Procure-to-Pay, Sales-and-Distribution, Customer Service, and Human Resource.
15. ICT Support: Level-three end-user support using incident management tools like ServiceNow.
16. Business Intelligence Tools: Power BI, SAP BusinessObjects, and SAP Analytics Cloud.
17. Language Proficiency: Bilingual with level C2 in English and level B2 in French.

WORK EXPERIENCE

Technology Analyst

Infosys Limited [22.08.2022 – Present Day]

City: Bangalore, E-City | **Country:** India | **Website:** <https://www.infosys.com/> | **Email address:** praveen.s33@infosys.com
| **Name of unit or department:** EASSAP - **Business or sector:** Information and communication

1. Spearheaded the design, implementation, testing, and maintenance of ERP systems by leveraging programming languages such as SQL and Python and orchestrating ETL processes to seamlessly extract, cleanse, transform, and load data from legacy systems into cloud data warehouses, ensuring high-quality data for analytics.
2. Implemented multi-region OpenStack (IaaS) ERP deployment for global enterprises, enabling seamless access to cloud resources across geographically distributed customer data centers using OpenStack Neutron network service.
3. Leveraged expertise in SAP Procure-to-Pay, Sales-and-Distribution, and Customer Service modules to gather business requirements and document comprehensive functional and technical specifications, streamlining business processes.
4. Designed and managed databases using Oracle SQL and implemented RDBMS concepts such as keys, normalization, indexing, scheduling, locking protocols, and ER models to optimize relational database management systems.

5. Developed and designed quality UI/UX components for enterprise web applications, focusing on enhancing the end-user experience across various devices.
6. Implemented RESTful APIs to enable seamless communication between front-end and back-end systems, resulting in enhanced performance and reduced latency.
7. Actively participated in all phases of the software development lifecycle, focusing on front-end and API development.
8. Proficient in creating on-demand business KPI reports by extracting and aggregating data from multiple systems for enhanced data analytics and reporting key performance indicators.
9. Implemented three full-cycle rollouts of enterprise structure, including master data creation, data migration, and testing, for clients such as Siemens Gamesa Renewable Energy and Syngenta AG.
10. Received a certificate of appreciation for my contributions to the AGORA project from the client, Siemens Gamesa Renewable Energy. The certificate is available on my LinkedIn profile for reference.

Technology Support Specialist

Infosys BPM Limited [21.09.2017 – 19.08.2022]

City: Bangalore | Country: India | Website: <https://www.infosysbpm.com/> | Email address: praveen.s33@infosys.com |
Name of unit or department: TSO - Business or sector: Information and communication

1. Seasoned ERP support specialist with expertise in supporting tickets, managing incidents, and handling escalations effectively within defined SLAs (service level agreements) utilizing incident management tools like ServiceNow.
2. Collaborated closely with all stakeholders to gain insights into on-demand business processes to conceptualize enterprise structure through extensive elicitation of requirements gathering and documentation.
3. Facilitated enterprise support solutions, overseeing testing, defect tracking, system diagnosis, root cause analysis, incident management, change management, and troubleshooting for seamless operations.
4. Implemented software life-cycle tools and procedures, including DevOps practices, utilizing GitHub to ensure accurate documentation and version control by collecting, classifying, and publishing project deliverables.
5. Help foster team collaboration through effective communication, teamwork, and problem-solving.
6. Involved in data migration activities, migrating data from legacy systems to cloud systems using tools such as GitHub for version-controlling migration scripts, configuration files, and documentation.
7. Championed agile methodologies, implementing continuous integration, continuous testing, acceptance test-driven development (ATDD), test-driven development (TDD), and implementing automated testing to ensure high-quality software through System Integration Testing (SIT) and User Acceptance Testing (UAT).
8. As a scrum master, I led a team of seven and was responsible for managing backlogs and breaking down tasks to ensure task completion and transparency using tools like Jira.
9. Contributed to process improvement initiatives to enhance project management efficiency by periodically updating the contents of the knowledge repository to ensure its relevance for future reference.
10. Additionally, I provided comprehensive level-three support to clients such as Diageo plc, CLP Hong Kong Limited, Syngenta AG, and Siemens Gamesa Renewable Energy.

Sales Manager

Indierigs Movie Motion Control System Private Limited [06.02.2017 – 18.09.2017]

City: Bangalore | Country: India | Website: www.indierigs.com | Email address: info@indierigs.in | Name of unit or department: Sales - Business or sector: Professional, scientific and technical activities

1. Led sales efforts for SCADA systems, overseeing the full sales cycle from lead generation to closing deals and post-sales support.
2. Developed and implemented strategic sales plans to penetrate new markets and expand the customer base, resulting in a 30% increase in sales revenue.
3. Built and nurtured relationships with key clients, including industrial/manufacturing companies, utilities, and infrastructure providers, to understand their automation needs and provide tailored SCADA solutions.
4. Conducted product demonstrations, presentations, and technical workshops to showcase the features, benefits, and capabilities of SCADA systems to potential clients.
5. Managed presales activities such as solution scoping, requirements gathering, proposal development, and technical discussions with clients to address their specific business challenges.
6. Played a pivotal role in negotiating contracts, pricing agreements, and service level agreements (SLAs) to meet customer expectations and achieve sales targets.
7. Stayed updated with industry trends, competitor analysis, and emerging technologies in the SCADA domain to provide strategic insights and recommendations to clients.

Business Development Executive

Dynamo Info Technologies Private Limited [04.04.2016 – 21.10.2016]

City: Bangalore | Country: India | Website: <https://dynamoinfotech.com/> |

Email address: contact@dynamoinfotech.com | Name of unit or department: Business Development - Business or sector: Information and communication

1. Spearheaded business development initiatives for SAP Business One solution, targeting small and medium-sized enterprises (SMEs).
2. Identified and cultivated new business opportunities through market research, prospecting, and lead generation activities.
3. Developed and maintained relationships with key stakeholders, including C-level executives, to understand client pain points and business requirements.
4. Conducted product demonstrations, presentations, and workshops to showcase the capabilities and benefits of SAP Business One to potential clients.
5. Collaborated with sales teams to develop customized solutions and proposals based on client needs and requirements.
6. Acted as a subject matter expert on SAP Business One, providing insights and recommendations to clients regarding system implementation, integration, and optimization.
7. Played a pivotal role in negotiating contracts, closing deals, and achieving/exceeding sales targets consistently.

Business Development Executive

Aureole Technologies Private Limited [17.06.2015 – 07.12.2015]

City: Bangalore | Country: India | Website: www.A-iPAS.com | Email address: info@a-ipas.com | Name of unit or department: Presales - Business or sector: Information and communication

1. Led business development efforts for Industry 4.0 solutions, including MES, IoT, and Cyber Physical Systems.
2. Identified and developed strategic partnerships with key clients and industry stakeholders to drive revenue growth.
3. Conducted market research and analysis to identify emerging trends and opportunities in the Industry 4.0 landscape.
4. Collaborated with cross-functional teams including sales, engineering, and marketing to develop and implement effective go-to-market strategies.
5. Conducted product demonstrations, presentations, and workshops for clients to showcase the value proposition of our solutions.
6. Managed the presales process, including RFP/RFI responses, solution design, and proposal development.
7. Played a key role in negotiating contracts and closing deals with clients, exceeding quarterly sales targets consistently.

Junior Research Assistant (PhD program)

Center for Theoretical Physics of Polish Academy of Sciences [05.05.2014 – 29.08.2014]

City: Warsaw | Country: Poland | Website: <https://www.cft.edu.pl/> | Email address: cft@cft.edu.pl | Name of unit or department: Theoretical Physics and Mathematics - Business or sector: Professional, scientific and technical activities

1. Completed coursework in advanced quantum mechanics, statistical mechanics, and thermodynamics.
2. Conducted research on Bose-Einstein condensate behaviour and its implications in quantum physics.
3. Presented research findings at seminars and conferences, contributing to the academic community's understanding of matter behaviour at near absolute zero temperatures.
4. Research was conducted to study how matter even at a molecular scale could also behave like a quantum state at near absolute zero temperatures.
5. Although circumstances prevented completion of the PhD program, gained valuable insights and experience in theoretical quantum physics research.

EDUCATION AND TRAINING

Master's Degree MSc

University of Newcastle upon Tyne [05.09.2011 – 15.03.2013]

City: Newcastle upon Tyne | Country: United Kingdom | Website: <https://www.ncl.ac.uk/> | Field(s) of study: Microelectronics | Final grade: 2:2 Honors - UK | Thesis: Intelligent road humps using piezoelectric materials

Modules Studied:

1. System-on-chip test strategies
2. Power Electronics
3. Semiconductor Electronic Devices
4. Advanced VLSI Design

5. Optoelectronics
6. Reconfigurable hardware design
7. Semiconductor Electronic Devices Fabrication Lab

Skills developed:

1. Technology Computer-Aided Design (TCAD) for Microscale CMOS design
2. VHDL programming
3. AutoCAD
4. Designed circuits using IGBT for power electronics applications.
5. Practical experience in designing, simulating, and testing FPGA development board
6. SQL
7. Python

MSc Dissertation: Intelligent Road Humps Using Piezoelectric Materials

1. Developed an innovative approach to enhance road safety by utilizing piezoelectric materials.
2. Designed a circuit to flash LED lights mounted on road humps at fixed intervals using piezoelectric ceramic materials.
3. The system, powered by the mechanical stress generated by passing vehicles, does not require an external power source.
4. Contributed to improving road safety in areas with limited or no street lighting and electricity.
5. Incorporates the latest technology of piezoelectric materials for novel road safety solutions.

Bachelor's of Engineering B.E

Sri Jayachamarajendra College of Engineering [03.09.2007 – 20.05.2011]

City: Mysore | Country: India | Website: <https://sjce.ac.in/> | Field(s) of study: Instrumentation Technology | Final grade: CGPA 6.24 | Thesis: Robotics instrumentation and application.

Modules Studied:

1. Advanced control systems
2. Digital signal processing
3. Digital image processing
4. Transducers and Analytical instrumentation
5. Aircraft instrumentation
6. Automation in process control
7. Microcontrollers and Microprocessors
8. Biomedical signal processing
9. Programming in MATLAB and COMSOL
10. Electronics Lab

Skills developed:

1. Proficiency in Technology Computer-Aided Design (TCAD) and VHDL programming
2. Strong grasp of microelectronics, semiconductor devices, and VLSI design
3. Hands-on experience in FPGA development and testing
4. Excellent problem-solving and analytical skills
5. Effective communication and presentation abilities
6. Project management and research expertise
7. Programming languages C/ C++

LANGUAGE SKILLS

Mother tongue(s): Kannada

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

French

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

VOLUNTEERING

[20.12.2004 – 31.01.2005] Mysore, Karnataka, India

2004 Tsunami Disaster Relief Volunteered for disaster relief efforts following the 2004 Tsunami during my 9th-grade year. Assisted and contributed to a range of various relief activities aimed at assisting affected communities and delivering essential aid.

RECOMMENDATIONS

Name: Darshan P Nayak | Delivery Manager

Project manager to whom I reported for project Syngenta at Infosys Limited.

Email: darshanpnayak@infosys.com | Phone number: (+91) 7337894234

Name: Harmeet Singh Dhingra | Senior Consultant

Senior consultant to whom I directly reported for the Siemens Gamesa SGRE project at Infosys Limited.

Email: harmeet.dhingra@infosys.com | Phone number: (+91) 9986974749

Name: Nawal Sharda | Lead Consultant

My ALCON manager to whom I directly reported at Infosys Limited.

Email: nawal_sharda@infosys.com | Phone number: (+49) 1737471672