KRISHNA POTARLANKA
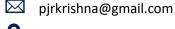## HealthCare IT Techno Functional

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CONTACT ME

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📍 Hyderabad

EDUCATION

Master of Computer Applications from Acharya Nagarjuna University in 2006.

Microsoft Certified IT Professional

EXPERTISE

Project Management

HIS Implementation and Support

IT Infrastructure and Network Management

Database Management

Applications Development, Deployment and Delivery

MIS and Data Analytics

SOFTWARE SKILLS

C#, Python, Django, Django Rest Frame Work, React JS, HTML, CSS, Bootstrap, JavaScript, Shell Scripting Oracle, MS SQL, MySQL, PostgreSQL, MongoDB, SAP MM, FICO, PI and MS Office.

TOOLS

Jira, Microsoft Visio, VS Code, Git, Docker, Postman, Figma, Cristal Reports, Oracle BI Publisher, SSRS, Report Builder.

AWS AND SERVER ADMINISTRATION

AWS IAM, EC2, LightSail, S3 Bucket, RDS, Route 53, Lambda, and Nginx, Apache, IIS Web Servers, Windows and Ubuntu Servers, Routers, Access Points and Firewall Configurations.

PERSONAL DETAILS

Date of birth: 10th Feb 1981
Languages Known: English, Hindi, Telugu.

PROFILE SUMMARY

✓ Qualified Healthcare IT Professional with **16+ years** of experience in **Project Management, IT Infrastructure Maintenance and Delivery** Management of **HIS Development and Implementation**.

✓ Worked as a **Business Analyst, Subject Matter Expert (SME), and Techno-Functional Consultant** for multiple hospitals, implementing Hospital Information Systems **(HIS/EMR)** end-to-end solutions. Provided comprehensive support across all HIS modules and extended assistance to multiple branches across India.

✓ Technical leadership in organizing and directing the creation of technology-enabled solutions, including application **design, development**, and preparation of **FRS, SRS, and database architecture**.

✓ Proficiency in analysis and **HL7** interface with **PACS** and **LAB** equipment. Additionally, there is direct interface with third-party applications (such as **SAP MM, FICO, Adrenalin HCM**, **Mirth Connect, Payment Gateways, SMS/Email, and Social Media Integrations**).

✓ Strong technical background in database administration and BI tools (Oracle **BI, Power BI**), covering RDBMS and NoSQL databases (**MS SQL, Oracle, PostgreSQL, MySQL, and MongoDB**).

✓ Proven expertise in **Server** and **Network administration**, proficiently managing **Windows (2003 to 2019) and Linux (Ubuntu 16+) servers**. Skilled in configuring **Nginx, Apache, and IIS web servers,** executing seamless **project deployments**, implementing robust **database backup and restore procedures**, and efficiently scheduling critical activities**.**

✓ Knowledgeable about developing projects in **Python, Django, C#, TS/SQL, PL/SQL, HTML, CSS, JavaScript, Django Rest API, and React JS.**

✓ Involved in more than **20+ hospitals** to establish appropriate procedures and reap the rewards of putting in place an **enterprise-wide hospital information system**

ORGANISATIONS

Senior Manager IT, Corporate
Rainbow Children's Medicare Limited, Hyderabad | 2022-2023

Project Consultant
Freelance Service, Hyderabad | 2020 – 2022

Principal Architect and IT Head – Reporting to Chief Strategist
Medeaz Health Care, Hyderabad | 2018 – 2020

IT Support Lead HIS –Reporting to AGM IT
Rainbow Hospitals, Hyderabad | 2017 – 2018

Deputy Manager – Reporting to Chief Operating Officer
Continental Hospitals, Hyderabad | 2013 – 2017

SQL Developer – Reporting to Senior Manager IT
GCM Tech Solutions, Hyderabad | 2012- 2013

IT- Manager – Reporting to Executive Director
Goutami Eye Institute, Rajahmundry | 2009- 2012

System Admin and EDP In-Charge – Reporting to Managing Director

PROJECT #8

Company	Rainbow Children's Medicare Ltd, Corporate Office – Hyderabad, Telangana
Duration	March 2022 – May 2023
Reporting to	Chief Operating Officer
Designation	Senior Manager IT
Environment/Applications	Arcus and Arcus Air HIS, SAP, Sales Force CRM, Patient Portal, Feedback Portal, Web Site, Mobile App, VC Portal, IVF Portal, Vaccine Portal, Fresh Service, and Rainbow MIS Portal on Windows and Linux environment.
Technologies involved	C#, .NET Web services, SQL Server 2014 & 16, SSRS, Report Builder, IIS, Node JS, Express JS, Angular JS and MongoDB.
Responsibilities	Leading HIS and project management initiatives encompassing project planning, deliverable oversight, and proactive risk mitigation. Formulating project scope, strategy, objectives, and deliverables aligned with business goals and strategic needs in collaboration with senior management and stakeholders. Managing vendors, milestones, timelines, and regularly reporting project status to stakeholders; conducting status meetings and assessing allocated resources. Analysing project requirements and scope to establish project timelines and accurate effort estimations. Establishing demand outlines, initiating project kick-off, developing business cases, releasing RFPs, evaluating and selecting vendors, budgeting, resource management, and overseeing vendor contract administration. Defining roles and responsibilities within the project team to facilitate smooth project implementation. Defining IT policies, including Backup & Maintenance, to ensure uninterrupted IT service availability and transparent operations.

PROJECT #7

Company	Freelance Service, Hyderabad, Telangana, India
Duration	April 2020 – Mar 2022
Environment / Applications	Docbizz, BookmyOT Portal, Apollo Radiology Exam Portal, Opoto e-commerce site on Linux environment.
Technologies involved	HTML, CSS, JavaScript, JQuery, Python, Django, Rest API, Bigbluebutton, React Native PostgreSQL, Nginx on Ubuntu Servers.
Responsibilities	➢ Collaborated with Apollo and Rainbow hospitals and Opoto clients to deliver custom web solutions, meeting diverse business needs. ➢ Developed and maintained web applications using Python and the Django framework, ensuring scalability and performance. ➢ Implemented responsive and user-friendly frontend interfaces using HTML, CSS, and JavaScript. ➢ Utilized version control systems, such as Git, to manage code repositories and facilitate collaboration with clients. ➢ Conducted regular client meetings for requirement gathering, project updates, and feedback sessions. ➢ Successfully delivered Online Video Consultation (Rainbow), ARI Exam Portal(Apollo Radiology International) projects within agreed-upon timelines, resulting in satisfied clients and positive referrals. ➢ Conducted in-depth analysis of client requirements, translating them into technical specifications for development teams. ➢ Collaborated with cross-functional teams to ensure seamless execution of projects, meeting client expectations. ➢ Delivered project status reports, milestones, and risk assessments to clients, maintaining transparency throughout the project lifecycle.

PROJECT #6

Company	Medeaz Health Care Systems, (A unit of Ishaanyu Pvt Ltd) – Hyderabad, Telangana
Duration	April 2018 – April 2020
Reporting to	Chief Strategist
Designation	Principal Architect and IT Head
Environment / Applications	Medeaz Health Portal, Mobile App and Medeaz Hospital Information System, Bigbluebutton on Linux environment.
Technology Stack	HTML, CSS, JavaScript, Python, Django, Rest API, Redis, PostgreSQL, Kotlin and Swift.
Responsibilities	➢ Led end-to-end project lifecycle management, from conceptualization to delivery, in AWS cloud environments. ➢ Oversaw design and development processes, ensuring adherence to best practices and industry standards. ➢ Successfully executed deployment strategies for seamless application delivery. ➢ Spearheaded database schema design initiatives, optimizing data structures for efficient performance. ➢ Implemented robust data modelling strategies to support scalable and flexible applications. ➢ Managed and led cross-functional teams, fostering a collaborative and innovative work culture. ➢ Conducted regular team meetings to discuss project progress, challenges, and strategize for optimal outcomes. ➢ Orchestrated IT infrastructure management in both local and AWS environments. ➢ Ensured seamless integration between on-premise systems and cloud solutions for enhanced efficiency. ➢ Utilized a diverse technology stack, including Python, Rest Framework, JavaScript, Angular, and Mobile App development. ➢ Pioneered the development of a Health Portal and Hospital Information System from inception to implementation. ➢ Proficiently created design mock-ups and workflow diagrams using Figma, Canva and other tools. ➢ Visualized and communicated project architecture and design to stakeholders for alignment. ➢ Implemented code optimization strategies, enhancing application performance and user experience. ➢ Conducted thorough code reviews to ensure adherence to coding standards and best practices. ➢ Deployed applications using NGINX in cloud environments, utilizing Docker and CI/CD pipelines for efficient release cycles. ➢ Established and maintained robust development and deployment workflows. ➢ Managed project repositories on GitLab, assigning tasks to team members and handling Git requests and approvals. ➢ Ensured version control and code collaboration for streamlined development processes. ➢ Oversaw support and maintenance activities, ensuring continuous system availability and reliability. ➢ Implemented proactive measures for issue resolution and system optimization. ➢ Actively engaged with top stakeholders and management to align IT initiatives with organizational goals. ➢ Presented project updates, milestones, and strategic insights to facilitate informed decision-making.

PROJECT #5

Company	Rainbow Children's Medicare Pvt Ltd – Hyderabad, Telangana
Duration	March 2017 – April 2018
Reporting to	Deputy General Manager
Designation	HIS Support Lead (Corporate)
Environment/ Applications	Arcus Hospital Information System, Wipro HIS, SAP MM, FICO, PI and Moodle LMS on both Windows and Linux environment.

Technology Stack	C#, MS.NET Web services, SQL Server 2014 & 16, SSRS, Report Builder. SAP MM, Finance, SAP PI.
Responsibilities	➢ Managed support operations for the Health Information System (HIS) and SAP. ➢ Oversaw operations across 15 branches in a corporate environment. ➢ Coordinated with a team of professionals. ➢ Provided subject matter expertise. ➢ Ensured smooth functioning of HIS modules. ➢ Implemented HIS on new branches. ➢ Maintenance of the Interface (SAP MM, Finance) monitoring the Data posting. ➢ Wrote SQL queries from the backend from new and existing HIS systems shared results with stakeholders. ➢ Prepared MIS Reports for data analysis. ➢ Worked closely with developers for day today issues, new requirements and enhancements. ➢ Acted as a liaison between technical teams and end-users. ➢ Resolved issues and implemented system enhancements. ➢ Conducted training sessions for the team. ➢ Engaged with stakeholders to understand requirements and concerns. ➢ Led the team through challenges. ➢ Managing the Development and support environment for internal applications. ➢ Implemented Moodle LMS for training and development.

PROJECT #4	
Company	Continental Hospitals – Hyderabad, Telangana
Duration	March 2014 – May 2017
Reporting to	Chief Operating Officer
Designation	Deputy Manger
Environment / Applications	I-Soft and Crane Neura Hospital Information Systems, Employee Internal Portal, MIS Portal and Moodle LMS.
Technology Stack	HTML, CSS, JavaScript, JQuery, C#, ASP.Net, SQL Server 2014, Java, Oracle, Oracle BI Publisher, SAP MM, FICO, Weblogic on both Windows and Unix bare-metal Servers.
Responsibilities	➢ Completed end-to-end design and implementation of Hospital Information System including Electronic Medical Record (EMR) project, at Hospital. ➢ Involved in Project Planning and driving the project (Project Reviews, FRS explanation and addressing the Project Road blocks). ➢ Prepared Software Requirement Specifications (SRS), functional workflows, and provided requirements to developers. ➢ Coordinated with developers as a Subject Matter Expert (SME) in each module of the Health Information System (HIS). ➢ Interacting with Department SMEs and preparing the SRS with Impact analysis ➢ Interacting with Finance & MM team as well as SAP Implementation Vendor during the implementation ➢ Preparing Training Schedules and conducting Training & Testing Sessions. ➢ Masters Data Templates preparation, Verification with users and data migration. ➢ Conducted training sessions for Doctors, Paramedics, Technicians, and other employees on the usage of EMR and HIS ➢ HL7 Interface with LAB Equipment, PACS and direct interface with SAP by coordinating with Application Vendors. ➢ Developed dashboards and reports for clinical, operational, and revenue data analysis using Oracle BI Publisher. ➢ Implemented Moodle LMS for training and development. ➢ Implemented Continental Employee portal for employee attendance, leave management, Ticketing and Conference Hall booking. ➢ Monitoring the Implementation, Application Stabilization and Maintenance.

PROJECT #3

Company	GCM Tech Solutions, Hyderabad, Telangana
Duration	March 2013 – May 2014
Reporting to	Director
Designation	Senior Associate, SQL Developer
Environment / Applications	Bizwordusa.com ecommerce site on Windows 2008 Server environment.
Technology Stack	HTML, CSS, JavaScript, C#, ASP .Net, IIS and SQL Server 2012.
Responsibilities	➢ Collaborated with various teams, including software developers and business analysts, to understand project needs and align database solutions with business goals. ➢ Led the database design phase of a www.bizworldusa.com e-commerce site, collaborating with cross-functional teams to define the database schema. ➢ Developed tables, views, triggers and stored procedure for the project. ➢ Database administration and monitoring.

PROJECT #2

Company	Goutami Eye Institute, Rajahmundry, Andhra Pradesh
Duration	Jul 2009 – Mar 2012
Reporting to	Executive Director
Designation	IT Manager
Environment / Applications	Lekhisoft HIS, Tally, QuickBooks, Servers Administration and Networking on Window environment.
Technology	VB 6.0, SQL Server 2008.
Responsibilities	➢ Completed end-to-end design and implementation of Hospital Information System including Electronic Medical Record (EMR) project, at Hospital. ➢ Prepared Software Requirement Specifications (SRS), functional workflows, and provided requirements to developers. ➢ Conducted training sessions for Doctors, Paramedics, Technicians, and other employees on the usage of EMR and HIS ➢ Prepared Master Data, including data packages and tariff-wise data uploads from the backend. ➢ Administered Windows Server 2008 R2 and SQL Server 2008 R2 (Active Directory, DNS, DHCP, WSUS, IIS) ➢ Applied hot fixes, upgrades, and patches as required for Windows servers ➢ Managed WAN, LAN network using router configurations. ➢ Daily backups (Database, tally, QuickBooks and shared file server data). ➢ Troubleshooting Servers, Desktops, Laptops, Printers and router configuration issues. ➢ End user training and support to HIS and Desktop users.

PROJECT #1

Company	Sai Bhavani Super Speciality Hospital -Hyderabad, Telangana
Duration	Aug 2006 – May 2009
Reporting to	Managing Director
Designation	System Admin cum EDP In-Charge
Environment	Shivam Hospital Information System (HIS) on Windows Environment, PC, Laptops and Server Administration, Networking management on Windows environment.
Technologies	VB 6.0, Oracle 8i and Cristal reports
Responsibilities	➢ Led end-to-end implementation of Hospital Information System ➢ End users training and Support ➢ Managing Servers and Network Management ➢ Regular file and database backups. ➢ Troubleshooting Servers, Desktops, Laptops, Printers and router configuration issues. ➢ End user training and support to HIS and Desktop users.