

INDRAJIT SARKAR

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PROFESSIONAL SUMMARY

Results-driven IT professional with almost 2 years of experience in infrastructural management and Azure technologies. Microsoft Certified Azure AI Engineer with proven expertise in Java, Python, and cloud technologies. Demonstrated ability to deliver client-centric solutions through strong problem-solving skills and collaborative teamwork. Seeking to leverage technical proficiency and digital transformation experience to contribute to mission of excellence in technology consulting and services.

TECHNICAL SKILLS

Programming Languages: Java, Python, C++, C#, C, JavaScript, PHP, Unix/Shell Scripting

Web Technologies: HTML5, CSS3, JavaScript, Full-Stack Development, LAMP Stack

Cloud & AI: Microsoft Azure AI Services, Azure Cloud Platform

Database Management: MySQL, NoSQL, Database Design and Optimization

Tools & Platforms: Microsoft Visual Studio, Power BI, Minitab, VMware, TrueNAS, Apache, Git

Operating Systems: Windows, macOS, Linux

Methodologies: Agile, FMEA, Pareto Analysis, Lean Six Sigma (Black Belt), Quality Management, DMAIC

PROFESSIONAL EXPERIENCE

Analyst 3 - Infrastructural Management

January 2024 – Present

DXC Technology, Bengaluru, Karnataka

- Orchestrated infrastructure monitoring and maintenance activities for clients.
- Automated routine infrastructure tasks using Python scripts and Azure technologies, decreasing manual intervention time by 40% and improving operational efficiency across 3 client accounts
- Collaborated with cross-functional teams of 8+ members to troubleshoot and resolve 200+ technical incidents monthly, maintaining SLA compliance rate of 98%
- Leveraged Azure cloud infrastructure to support digital transformation initiatives, optimizing resource allocation and reducing infrastructure costs by 15%
- Implemented performance monitoring solutions that identified bottlenecks, resulting in 25% improvement in system response times
- Delivered client-centric solutions by analyzing requirements and executing infrastructure upgrades that enhanced service delivery quality by 20%
- Documented technical procedures and created knowledge base articles, reducing average ticket resolution time by 35%

Full-Stack Web Development Intern

2023

Talent Brainy

- Developed and deployed 2 responsive client web applications using HTML5, CSS3, JavaScript, and PHP, for internal use.
- Engineered MySQL database schemas optimizing query performance by 40% through proper indexing and normalization
- Integrated RESTful APIs to enable seamless data exchange between front-end and back-end systems, improving application responsiveness by 30%
- Collaborated with team of 4 developers using Agile methodology, delivering projects 15% ahead of schedule

KEY PROJECTS

Money Manager - Daily Expense Management System

- Architected full-stack financial tracking application using JavaScript, PHP, MySQL, and Apache, handling expense and income monitoring
- Implemented secure user authentication and role-based access control, ensuring data protection compliance
- Designed intuitive UI/UX reducing user onboarding time by 50% and increasing user engagement by 65%

Network Attached Storage (NAS) Solution using Raspberry Pi

- Deployed cost-effective NAS infrastructure using TrueNAS OS on Raspberry Pi, providing 2TB shared storage for team of 15 users
- Configured automated backup protocols ensuring 100% data redundancy and zero data loss incidents

Heritage City Website (Paris) & ScienceGen Club Website

- Developed responsive, mobile-first websites using HTML5, CSS3, and JavaScript, achieving 95+ PageSpeed Insights score
- Optimized website loading time by 60% through code minification and image compression techniques

EDUCATION

Master of Computer Applications (MCA)

Atria Institute of Technology, Bengaluru

February 2024 – November 2025

Bachelor of Computer Applications (BCA)

Indian Academy Degree College Autonomous, Bengaluru

August 2020 – November 2023

Pre -university (CEBA)

UAS and VC PU College, Bengaluru

2018 -2020

Schooling

Allwin Public School, Bengaluru

2018 passout

CERTIFICATIONS

- **Microsoft Certified: Azure AI Engineer Associate** – Expertise in designing and implementing AI solutions on Azure
- **Microsoft Certified: Power BI Data Analyst Associate** – Advanced data visualization and business intelligence
- **AIGPE FMEA Specialist Certification** – Failure Mode and Effects Analysis expertise
- **AIGPE Certified Minitab Beginner** – Statistical analysis and quality management
- **Certified Pareto Analysis Specialist** – Root cause analysis and problem-solving methodologies
- **Cyber Security Certification** – Edify Institute

ACHIEVEMENTS & RECOGNITION

- **1st Prize** – State Level Coding Championship SHRISTI, awarded by Dr. S. Somanath (ISRO Chairman)
- **1st Prize** – GenZ Quiz, Inter-college event VIGYAANRANG
- **2nd Prize** – TECHNOBINGE 2K21, National Level Collegiate Fest (Event: EVENTILIA)
- **2nd Prize** – Inter-college Championship Techforte-2K21, Presentation on Robotics
- **Core Student Coordinator** – Inter-collegiate Fest CUEST-2K24
- **School Captain & Class Representative** – Demonstrated leadership and organizational excellence
- **Champion** – Inter-school Kabaddi and Football Championships
- **Champion** – Intra-college Quiz, Debate, and Poster Designing competitions

LEADERSHIP & VOLUNTEERING

- Coordinated Diabetes Awareness Camp for Neuberg Anand Reference Laboratory, reaching 500+ participants
- Active member of Computer Club, Debate Club, and Student Council
- Volunteered in Blood Donation Camp and Reforestation Awareness Program (IADCA)
- Volunteer at CLT India, contributing to community development initiatives

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Fluent), Kannada (Fluent), Bengali (Native)

Interests: Automotive Research & Analysis, Mobile Photography, Sports, Music Production, Chess, Cricket