Mini A. S. Nair

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Summary of Qualifications

- 10+ years of experience in software development and Data Engineering within the IT industry
- Experienced IT professional adept at supporting global project teams through comprehensive analysis of system requirements and the development and implementation of information system solutions
- Proficient in developing IT solutions aimed at maximizing productivity, features, and performance
- Intensive background and hands-on experience working with a large array of software development tools
- Strong cross-cultural communication skills, adept at conveying complex decisions to diverse audiences

Technical Skills

Languages:	*Python, C#, PowerBuilder, SQL*
Operating Systems:	*Windows, Linux*
Applications & Tools:	Power BI, Google Looker Studio, *VSCode, Jupyter, Microsoft Excel, Azure Sandbox, Azure AI Services, Azure Data Factory, AWS, IBM Cognos Analytics, Google Workspace, RDBMS, HTML, CSS, XML, JavaScript, SSIS, SSAS, SSRS, GIT, REST API, ASP .Net, MVC, SQL Server, Visual Studio, Oracle, Sybase, SQLite*
Project Management Fundamentals:	*Waterfall, Agile, Scrum, Kanban, Trello*

Education & Certifications

Microsoft Azure AI Fundamentals Professional Certificate   **June 2024**
IBM Data Analyst Professional Certificate   **August 2024**

Junior Data Analyst Program   **May 2024 – Aug 2024**
NPower Canada │ Toronto, ON
- Utilize Excel spreadsheets to perform data wrangling and data mining
- Developed working knowledge of Python language for data analysis using Pandas and Numpy
- Effectively complete a capstone project by collecting data from multiple sources, performing exploratory data analysis, data wrangling, statistical analysis and mining of the data using Python libraries
- Worked extensively on creating charts and plots to visualize data, and building an interactive dashboard using IBMs Cognos Analytics, Google Looker Studio and various Excel charts/graphs
- Visualize data using Python libraries including Matplotlib, Seaborn, Scikit-learn, Plotly and Dash
- Compose queries to access data in cloud databases using SQL and Python from Jupyter notebooks
- Explain cloud concepts, benefits of cloud computing and core Azure architecture components
- Use core Azure services and choose the Azure AI services that best address a company's challenges
- Control Azure spending and managing bills by applying recommended practices to minimize cost
- Demonstrated a high level of understanding of Agile Project Management Lifecycle and key techniques and successfully complete Agile projects using tools such as Scrum, Kanban

Software Engineering Diploma   **Feb 2019**
Canadian Business College│ Toronto, ON

Masters Computer Application   Dec 2004

Indira Gandhi National Open University│ New Delhi, India
Bachelors in Computer Application   **Jun 1999**
Mahatma Gandhi University│ Kerala, India

Work Experience

Programmer Analyst   **Jul 2015 - Mar 2017**
Quad Infotech Inc. │ Toronto, ON
● Collaborated in a team on the development and ongoing maintenance of metal casting applications.
● Monitored and managed incident, change, and problem tickets, achieving a 95% resolution rate within SLA (Service Level Agreement).
● Conducted code debugging and addressed issues and rectified defects resulting in a 25% decrease in post-release bugs.

Senior System Analyst   **Dec 2013 - Apr 2015**
Accenture │ Bangalore, India
● Supported offshore application, providing support and maintenance for 13 Administrative System applications operating in Dutch and Norwegian languages for Royal Dutch Shell PLC and achieving high user satisfaction with a 95% positive feedback rate.
● Monitored interface issues, managed data sharing between applications and minor to major enhancements. that improved overall application performance by 20%.
● Tracked Service Management incidents and prioritized and fixed severity issues promptly with 100% accuracy..

System Analyst   **Feb 2010 - Feb 2011**
CapitaLand Limited │ Singapore
● Engaged in application development encompassing coding, testing, documentation, and deployment for the project AMOS(Asset Management and Operating Systems)
● Implemented changes across User Acceptance Testing and system testing, offering guidance to users and testers during testing procedures and achieved 50% reduction in UAT issues
● Managed and sustained application customization across installations in three different countries and languages reducing post-deployment issues by 40%.

System Specialist   **Aug 2005 - Oct 2008**
Mphasis │ Chennai, India
● Collaborated on a General Motors Vehicle Information Management project, providing marketing and Vehicle Sales Forecasting for Australia and New Zealand
● Monitored and resolved batch issues, including system interfaces with other systems across different environments using batch job schedules in Unicenter and attained 30% reduction in batch job failures.
● Conducted testing and guiding users through User Acceptance Testing processes with 95% user satisfaction rate with the testing procedures.

Software Engineer   **Mar 2005 - Oct 2005**
Thomson Financial │ Bangalore, India
● Facilitated the development of scalable and maintainable codebases for inhouse projects
● Contributed to the documentation of technical specifications, architecture diagrams, and user manuals to facilitate project maintenance and knowledge transfer and reduced onboarding time for new team members by 50%.

- Conducted code reviews and provided constructive feedback to team members, ensuring high-quality deliverables and promoting knowledge sharing with 15% improvement in team knowledge sharing and collaboration.

Software Engineer   **Dec 1999 - Jan 2005**

Cochin Computing Studio and Research Center│ Kochi, India
- Managed the entire development life cycle, including gathering user requirements for community banks.
- Created technical and test case documents, coding, conducting Unit, Integration and System testing achieving a 98% UAT pass rate and reducing production issue response time by 40%.
- Conducted User Acceptance Testing and provided on-call production support with 100% prompt resolution of the issues.