Vikram Raj Ankathi

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Summary of Qualifications

- 3+ years of experience in Data, Finance, Python Development, and Quality Analysis with demonstrated expertise in data extraction, cleansing, and analysis to provide actionable insights and enhance organizational performance
- Strong knowledge with continuous improvement in Exploratory Data Analysis, Web Scraping, and Artificial Intelligence with Python libraries, Microsoft, Google, Salesforce and IBM applications to streamline processes and support business objectives
- Adept at collaborating with cross-functional teams, ensuring efficient project delivery within agile environments
- Proficient in leveraging Docker, APIs, and manual testing methodologies to deliver high-quality, user-centric solutions and ensure secured import and usage of data
- Effectively performs testing on Epic systems, insurance claims and pharmacy applications, ensuring all safety practices while handling live production data, highlighting commitment to data integrity and maintenance
- Proficient in customer service delivery, awarded as "Rockstar Rookie" for achieving a 99.98% bug acceptance rate in Accenture
- Demonstrates exceptional problem-solving and customer service, consistently recognized for providing thorough and prompt project recommendation and delivery to clients
- Excellent communication and interpersonal skills to effectively liaise with business stakeholders, understand their needs, and identify data-driven projects and opportunities

Technical Skills

Operating Systems:	*Windows 10, MacOS, Linux*
Applications & Tools:	*Microsoft Excel, Azure AI Services, Azure Sandbox, Microsoft Power BI, Google Looker Studio, Google Workspace, Relational Database Management, IBM Cognos Analytics, tableau, Jupyter Notebook, SQLite, VSCode, Docker, QCalm, JIRA*
Project Management Fundamentals:	*Agile, Waterfall, Scrum, Kanban, Trello*
Languages:	*SQL, Python, HTML, CSS, JavaScript, NoSQL*
FrameWorks:	*Pandas, Numpy, BeautifulSoup, Matplotlib, Seaborn, Statistical Analysis, Machine Learning*

Education & Certifications

CS50's Introduction to Artificial Intelligence with Python certificate	**Expected 2024**
IBM Data Analyst Professional Certificate	**Apr 2024**
Microsoft Azure AI Fundamentals Professional Certificate	**Feb 2024**

Junior Data Analyst Program	**Jan – Apr 2024**

NPower Canada │ Toronto, Ontario, Canada

14-week intensive online training on the fundamentals of computer technology, and project management

- Utilize Excel spreadsheets to perform data wrangling and data mining
- Develop 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

- Work extensively on creating charts and plots to visualize data, and building an interactive dashboard using IBMs Cognos Analytics and various Excel charts/graphs
- Visualize data using Python libraries including Matplotlib, Seaborn, 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

CS50's Ready Player 50 certificate   **October 2023**

Post Graduation Diploma Certificate in Cyber Security   **May 2023**

Loyalist College │ Belleville, Ontario, Canada
- Gained expertise and hands-on experience in assessing defensive programming and cyber security strategies, developed proficiency in security control recommendations for maintaining and deploying cyber security solutions, ensuring system integrity and information security

CS50's Introduction to Programming with Python Certificate   **Mar 2023**

Bachelor's in Technology of Electronics and Communication Engineering   **May 2017**

CVR College of Engineering │ Hyderabad, Telangana, India
- Acquired extensive knowledge of electronic devices, circuits, and communication equipment, including, transmitters, receivers, and integrated circuits, providing foundational knowledge for data analysis

Work Experience

Senior Software Engineer   **Oct 2020 – Aug 2021**

Arowana Software Solutions Pvt Ltd │ Vizag, Andhra Pradesh, India
- Spearheaded the development of predictive models for customer churn analysis, resulting in a 20% reduction in churn rates through targeted retention strategies
- Conducted extensive analysis of call detail records using Excel, SQL and Python, identifying network optimization opportunities and created dashboards that led to a 15% improvement in call quality
- Collaborated with network engineers to analyze and interpret network performance data, contributing to the identification and resolution of bottlenecks, reducing downtime by 10%
- Implemented robust security protocols, ensuring compliance with industry standards and fortifying against potential cyber threats, safeguarding sensitive user data to ensure customer confidentiality and satisfaction
- Engineered real-time data processing systems to efficiently manage high volumes of data, leading to improvements in decision-making and data analysis within the organization

Software Engineer   **Feb 2018 – Sept 2020**

Accenture │ Hyderabad, Telangana, India
- Developed comprehensive testing suites and automated testing protocols for american healthcare company, resulting in a 23% reduction in bugs and ensuring high-quality deliverables within project timelines
- Utilized industry-standard bug tracking tools to report identified issues, documenting them with clear steps to replicate and prioritize for resolution by the development team
- Conducted thorough regression testing to ensure that software modifications or updates did not adversely affect existing functionalities
- Collaborated closely with the development team, effectively communicating identified issues, discussing potential solutions, and verifying bug fixes after implementation
- Maintained accurate and up-to-date testing documentation, including test plans, test cases, and test reports, ensuring clear documentation for future reference and compliance purposes