Yogesh S

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DATA ANALYST & ENGINEER

Efficient Data Analyst & Engineer known for optimizing 200+ ETL pipelines, yielding a substantial 20% efficiency boost. Proficient in SQL, excelling in high-performance procedure development and insightful report generation. Award-winning innovator with a robust portfolio of global tech internships and part-time roles, enhancing content quality and elevating user satisfaction. Eager to integrate expertise seamlessly into your team and drive innovation for success.

CORE COMPETENCIES

- DataAnalysis andOptimization
- Business Intelligence and Reporting
- Application Development
- Social Media AI Enhancement
- ETL and Data Engineering
- Innovation and Problem Solving
- Security and Cybersecurity

KEY SKILLS & ATTRIBUTES

- **Data Alchemist:** Transforming raw data into strategic insights through expert SQL skills and advanced ETL optimization techniques.
- **Strategic Problem Solver:** Award-winning innovator, developing cutting-edge solutions for real-world challenges.
- **Cybersecurity Sentinel:** Conducting VAPT assessments with tools like Burp Suite, safeguarding sensitive user data.
- **Collaborative Innovator:** Thriving in team environments, driving collaborative solutions through professional integrity and effective communication.
- **Technical Mastery:** Proficient in Azure Data Factory, Azure Blob, Azure Web App & Function, Power BI, SSRS, SQL, MongoDB, Python, Java, .Net, HTML, CSS, WordPress, PHP/MySQL
- **Content Quality Champion:** Enhancing user experiences and engagement through meticulous evaluation and optimization of content.
- **Adaptive Learner:** Swiftly mastering new technologies and methodologies, keeping pace with the evolving tech landscape.
- **User-Centric Vision:** Championing user preferences, and delivering impactful experiences for millions of active users.
- **Leadership Potential:** Backed by trailblazing internships and part-time roles, demonstrating leadership in driving innovative projects.
- **Effective Communicator:** Clear and concise communicator, adept at presenting complex insights in a relatable manner.

EDUCATION

Anna University	**Chennai, Tamil Nadu**
Bachelor of Computer Science & Engineering	*Graduation Date: Mar2022*
Seshasayee Institute of Technology	**Trichy, Tamil Nadu**
Diploma in Computer Science & Engineering	*Graduation Date: Apr 2019*

CERTIFICATIONS

MICROSOFT

- Microsoft Certified: Azure Fundamentals, 2023

UDEMY

- DP:900 - Microsoft Azure Data Fundamentals, 2022
- SQL Bootcamp, 2022
- Introduction to MongoDB, 2022

WORK EXPERIENCE

Harman Connected Services   **Bangalore, Karnataka**

Data Analyst & Engineer   *Mar 2022 - Mar 2023*

- Managed and optimized 200+ ETL pipelines, resulting in a 20% reduction in data processing time, improving overall efficiency, with MongoDB as the source.
- SQL expert optimizing performance with 100+ high-performing stored procedures, indexes, hashkeys, and partitioning.
- Proficient in crafting user-friendly Power BI reports by harnessing SQL and Azure Blob as primary data sources, demonstrating the creation of over 20 reports enriched with adept utilization of M-Query and DAX code.
- Skilled in producing impactful SSRS reports that excel in performance and effectiveness, leveraging stored procedures. Developed and managed over 30 paginated reports, effectively hosting them on both SSRS Reporting server and Power BI Service platforms.
- Illustrated proficiency in overseeing Analytics APIs for Power BI and SSRS subscriptions, encompassing authentication through auth functions for a seamless integration of CoreViewer and Bold Reports. Managed APIs within the Azure portal, hosting them as web apps and Azure functions.

PROJECT EXPERIENCE

MoE's Innovative Cell   **Trichy, Tamil Nadu**

Intelligent Low-Cost Multipurpose Cart   *Jan 2022 - Apr 2022*

- Winner of Smart India Hackathon - 2022. Built an autonomous, low-cost multipurpose cart with intelligent tracking capabilities, enabling users to carry belongings while enjoying their surroundings effortlessly.
- Developed a cutting-edge "Baggage with Brains" cart using advanced sensors and cameras for precise human following, delivering a seamless and pride-inducing user experience.

All India Council for Technical Education   **Remote**

Indian Heritage Sites in Virtual Reality   *Feb 2021 - Jun 2021*

- Successfully designed and implemented a web-based 360° viewer showcasing Indian Heritage sites, accompanied by comprehensive tour narratives available in three distinct Indian languages.
- Leveraged Unity and .Net technologies to realize this interactive and immersive experience.

Bharat Earth Movers Ltd.   **Remote**

BH60M and BH100 with Electronic Transmission   *Jan 2020 - Aug 2020*

- Winner of Smart India Hackathon - 2020. Reversed engineered the CAN data and hacked the vehicle

- Implemented new security protocols like Network Segmentation, Foreign Device Identification, etc. School Management

Seshasayee Institute of Technology   **Trichy, Tamil nadu**

School Management and Security System using RFID   *Dec 2018 - Mar 2019*

- Engineered a dynamic web-based application aimed at monitoring students' attendance, featuring SMS and email notifications for timely alerts.
- Implemented a statistical dashboard to visualize attendance records for individual students or groups.
- Employed a diverse technology stack encompassing Arduino programming, HTML, PHP, CSS, Bootstrap, WordPress, and MySQL to ensure seamless functionality and user experience.

INTERNSHIPS

RIO 45 - TCS iON Remote Internships   **Remote**

Dynamic Application Security Testing - Intern   *Dec 2021 - Dec 2021*

- In-depth study of OWASP (Open Web Application Security Project) principles and comprehensive understanding of the OWASP Top 10 vulnerabilities.
- Conducted thorough research on Dynamic Application Security Testing (DAST) and Static Application Security Testing (SAST) methodologies.
- Proficiently performed manual penetration testing on web applications, leveraging expertise in identifying vulnerabilities.
- Utilized cutting-edge DAST tools including Burp Suite to enhance testing efficiency and accuracy during penetration testing exercises.

Gurugram Police Cyber Security Summer Internship   **Remote**

Cyber Security Ambassador   *Jun 2021 - Jul 2021*

- Conducted comprehensive research on real-life cybercrime cases, gaining valuable insights into evolving cyber threats and attack patterns.
- Orchestrated a Cyber Awareness Survey, engaging approximately 150 school students and young individuals.
- Conducted in-depth case studies on critical subjects including Threat Intelligence, Cyber Law Compliance, Cyber Forensics, IoT and Cloud Security, and Ransomware Attacks.

SecIQ Technologies LLP   **Bangalore, India**

Security Analyst Intern   *Aug 2020 - Nov 2020*

- Conducted VAPT assessments on mobile applications including Booble, Mint, Park+, and RideAlly, safeguarding the personal data of nearly 50 million users from potential breaches.
- Executed VAPT assessments on web applications, notably Delhivery, ensuring robust security measures and threat prevention.
- Employed FreeMind mind mapping tool for comprehensive application mapping, facilitating effective project planning and execution.

PART-TIME JOBS

Meta Platforms (Facebook, Inc.)   **Remote**

Low Quality Content Evaluator   *Jul 2020 - May 2021*

- Enhanced the Facebook Low-Quality Content Identifier AI through the meticulous evaluation of approximately 100,000 Facebook posts spanning 11 months.
- Followed company guidelines diligently to assess content, contributing to the prevention of access to low-quality content for nearly 340 million active users in India.

- Played a vital role in ensuring a higher-quality content experience on the platform.

Instagram (Facebook, Inc.)   **Remote**
Social Media Evaluator   *Jul 2019 - Dec 2019*

- Spearheaded the training of an innovative Instagram Post Differentiator AI, actively evaluating and curating personalized inputs for 4,000 Instagram posts from Celebrities and Verified Users.
- Elevated the ads and posts viewing experience for a substantial user base of approximately 788.4 million active users as of 2019.
- Contributed to enhancing user engagement by fine-tuning AI algorithms to accurately categorize and differentiate content, optimizing the platform's overall content delivery.

Messenger (Facebook, Inc.)   **Remote**
Social Media Evaluator   *Jan 2019 - Jun 2019*

- Conducted comprehensive evaluation of approximately 4,000 ads displayed within the Messenger Chatting App over a span of 6 months.
- Successfully enhanced the quality of ad content delivered to a user base of 112.2 million active individuals in the country.
- Tailored ad targeting based on user demographics, specifically considering age groups and individual preferences.

VOLUNTEER EXPERIENCE

Angel Ministry

Foods for the Needy

- Distributing foods to nearly 100 needy people every week for the past two years.
- Yearly Expenditure of around Rs. 30,000/-, supported by the Ministry.

INTERESTS

- Musical Pursuits: Proficient in playing various musical instruments, including the guitar, piano, and ukulele.

- Sports Enthusiast: A dedicated player of badminton and cricket, actively participating in recreational sports to maintain a healthy and active lifestyle.

- Spiritual Exploration: Enjoys reading religious books for meditation, fostering a sense of inner peace and personal growth through spiritual practices.

Date: 1st Sep, 2023

I certify that the above details are true and accurate to the best of my knowledge and belief.