

HARIHARA SUBRAMANIAN


Senior Developer


CONTACT


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EDUCATION

Bachelor of Technology

Electronics & communication
Engineering

Crescent Engineering College
May 2011 - June 2015
Chennai, India

Master of Science

Information & Communication
Technology

VSU - Technical University
Feb 2017 - Jun 2020
Ostrava, Czech Republic

SKILLS

Programming

Python (Pandas, Numpy, streamlit,
Matplotlib, Automations, API's)

Frontend (Reactjs)

Backend (Nodejs & Flask)

VB.NET, VBScripts

Databases

CAREER OBJECTIVE

Aspire to excel in a challenging role as a Software Engineer/DevOps Engineer/Business Intelligence/Automation Developer, harnessing 8 years of diverse experience in software development, DevOps, DataOps and business intelligence. My Microsoft Azure certifications in Data Engineering, Development, and Data Fundamentals, coupled with proficiency in Azure DevOps and Agile methodologies, position me to create, deploy, and manage sophisticated software systems. I aim to collaborate with a team of adept professionals in a dynamic environment, utilizing my technical expertise, problem-solving acumen, and leadership capabilities to foster innovation and fuel organizational growth

WORK EXPERIENCE

Senior Developer

Anheuser-Busch (ABinBEV)

Jul 2022 - current / Prague, Czech Republic

- **Lead Progressive Web Application Development** : Led development of 2 intricate web apps with React, Node, and Flask, ensuring high functionality and a 100% user engagement increase.
- **Full Stack Expertise** : Led the end-to-end development and maintenance of 2 web applications, databases, and APIs, resulting in 95% fewer integration issues and 100% better performance optimization.
- **DevOps Management** : Manage CI/CD pipelines in Azure DevOps, ensuring efficient, automated, and error-free deployment processes.
- **Data Transformation and Automation** : Harness Python scripts to deploy data transformations and automate workflows within Azure Functions and Azure Databricks Pipelines. This includes data extraction, manipulation, transformation, and loading into SQL databases, as well as in-depth data analysis using Python libraries such as Pandas and Numpy.
- **Data Engineering Proficiency** : Utilize a range of data engineering skills to execute ETL jobs, employing python and SQL to create efficient SQL stored procedures, views and automated data processes.
- **Azure Cloud Expertise** : Leverage Azure cloud services to architect, build and maintain CI/CD pipelines, ensuring the seamless deployment and management of web applications.
- **Azure functions Wizardry** : Implement Azure functions, including timer and http triggers, resulting in 99% streamlined data automations and API integrations, improving critical business processes.

Azure Databricks
Azure SQL
Oracle
NoSql

Cloud

Microsoft Azure DevOps
Google Cloud
Firebase

Data Visualization/Analytics

Power BI
MS Excel

CERTIFICATIONS

Microsoft Certified Azure Data Engineer Associate - Issued Jul 2023, Credential ID 48B05988B7337C45

Microsoft Certified Azure Developer Associate - Issued Feb 2023, Credential ID 3178BE652FCBDDDB8

Microsoft Certified Azure Data Fundamentals - Issued Jun 2022, Credential ID 3B89D50D5795920B

LinkedIn : Advanced Core Python Code Challenges - Issued Jun 2023

LinkedIn : Advanced Python working with Data - Issued Jun 2023

ACHIEVEMENTS

Top-Performer Award : Slashed 160 work hours in Logistics Domestic through advanced VBA and Python automation.

Beer Shot Award : Excelled in critical situations, swiftly resolving challenges with Databricks, and restoring Webapp operations with exceptional ownership.

Business Intelligence Expert

Anheuser-Busch (ABinBEV)

Aug 2019 - Jul 2022 / Prague, Czech Republic

- **Strategic Data Gathering** : Excel in collecting business requirements from stakeholders, aligning with KPIs, and organizational goals
- **Advanced Data Modeling** : Leveraging proficiency in Python, with a strong focus on Pandas and NumPy libraries, crafting predictive data models that provide actionable insights and recommendations.
- **ETL Mastery** : Designing, implementing, and maintaining a robust Extract, Transform, Load (ETL) process that transfers data from diverse sources, including SAP GUI, Oracle, MS SharePoint, and Databricks into a centralized data warehouse (Azure SQL Server), using a combination of Python and VBScripts to streamline data integration.
- **SQL Database Management** : Expertise extending to managing and optimizing SQL databases, adept at crafting complex queries, stored procedures, and views, ensuring data retrieval efficiency.
- **Visual Insights** : Skilled in crafting Power BI dashboards and reports, simplifying complex data for informed decisions.

Process Specialist

Infosys BPO s.r.o

May 2017 - Jun 2019 / Brno, Czech Republic

- **Document Preparation** : Excelling in the preparation of business documents, employing keen attention to detail and validation processes to guarantee their precision and completeness.
- **Technical Troubleshooting** : Troubleshooting inbound trade messages from clients, handling diverse formats such as CSV and FPML to ensure the smooth flow of data and minimize disruptions.
- **Client Solutions** : Bringing expertise in client solutions and fostering collaborative teamwork with application development teams to enhance external client experiences and project efficiency.

Software Engineer - Testing

ATOS Syntel

Sep 2015 - Jan 2017 / Chennai, India

- **Business Requirement Documents** : Proficient in the preparation of Business Requirement Documents (BRD's) for clients, ensuring clarity and precision in project objectives and expectations.
- **Requirement Analysis and QA** : Conducted requirement analysis, created test plans, prepared test cases, executed tests, and reviewed them to ensure thorough coverage for better deliverable quality.
- **Stakeholder Engagement** : Engaged in project sign-up meetings with customers, cross-functional teams, and clients to maintain transparent communication, address concerns, and ensure project success.