Basil Scaria Varghese

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Skilled Software Engineer with skill sets in JS frameworks like Svelte, React and Vue along with an eye for detail. Along with front end technologies also proficient in NoSQL and SQL data processing. Data Analytics and AI are also among my passions.

WORK EXPERIENCE

SIVA CREATIVE– BARRIE, ON, Canada, *Web Developer*   Aug2020 – May 2022

- Build 10+ Websites using Page Builders like Elementor, Beaver and Divi
- PHP and JavaScript for custom web solutions, 7+ plugins, Data processing from start to finish
- Successfully used WordPress hooks to tweak CSS and plugin properties, 3+ webhooks for 3rd party applications
- Implemented CPT with custom fields and used data to display points on Leaflet Map on Directory website

CYSTIC FIBROSIS CA – Toronto, ON, Canada, *Database and Digital Platform Associate*   Mar *2020 – Jun 2020*

- Querying and Reporting on Fund Raising Data for weekly reports on 5+ events, **Blackbaud and platforms**
- Comparison analysis of yearly performance of Donations, Registrations and Favorite Donors for 5+ events
- NLP and Artificial Intelligence Solutions for solving 2 NER Related Problems for maintaining clean database
- Coaching for team members with Excel for reporting, charts and use of 3 automated python executables

EXPONENTIAL DIGITAL SOLUTIONS – Trivandrum, India, *Analytics Consultant*   *May 2018 - July 2018*

- Lead team to strategize and implement pre-sales Power BI dashboards for 6 different clients
- Managed and maintained 2 clients Backend AWS VM and PostgreSQL database
- Integrated 11 custom Data Science algorithms into Python scripts
- Participated in daily meetings to present prediction accuracies and prediction model integrity

Achievements

Created 2 *Full Stack Analytics Reporting Engine* and documentation to handle Data Science algorithms universally

TRAVANCORE ANALYTICS, *Software Engineer/Data Analyst* **-Trivandrum, India**   July 2016 - July 2017

- Wrote Python, R script and SQL Server to implement Full Stack Analytics Engines for 3 Retail Clients
- Collaborated with R&D team to develop 3 chat bots, 7 web scrapping ops and suggestion ranking systems
- Reliably set up version control process in SVN & Git repositories

Achievements

HTC Sentiment Analysis Project – Crawled, feature extracted 1 GB of User reviews, Sentiment Analysis reports.
Information Scraper – Scraped 300,000 unique personnel data for client prospecting from online directories

PROJECTS

Data Analytics: Built an analytics engine that generate reports and automatically deliver to 3+ clients.
Artificial Intelligence: Developed 2 virtual assistant chatbot that interacts with an end user
Mobile Application Development: 1 travel application to calculate optimum route SCM
React-Native: Developed 1 event managing application using firebase real time database.

SKILLS

Technical: Python, R, C#, PHPJavaScript, React Native, HTML, CSS, Swift4, SQL, PostgreSQL, Firebase, Amazon S3, Mongo DB, Azure, Anaconda, MS Office, R Studio, Power BI, Tableau, Visual Studio, XCode, Android Studio, Wordpress
Data Science Algorithms: RFM, Pareto, Customer Profitability Analysis, Expenditure Deviation, Sales Forecasting, Prediction Modelling, Time Series Modelling, Clustering Algorithms, Classification and Regression Modelling.

ADDITIONAL EXPERIENCE

WALMART, CANADA, *Customer Service Manager* (Part-Time)   June 2019 – Dec 2019
BYJUS, *Business Development Associate*   (Part- Time)   Oct 2017 – May 2018

EDUCATION

Mobile Application Development at **Georgian College, Canada (Honors)**   April 2019 – December *2019*
Big Data Analytics at **Georgian College, Canada (Honors)**   September *2018 - April 2019*
Bachelor's in Computer Science and Engineering at **T.K.M College of Engineering (First Class)**   *2012-2016*