Praveen Mark Tychicus

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Objective:
To Attain a challenging position in the technical field that enhances my ability and contributes to the company's professional growth.

Professional Summary:
- Ability to create a full stack web application with MVC (Model, View, Controller) and MTV (Model, Template, Views) framework.
- Ability to create and manage RDMS Databases.
- Ability to write clean code.
- Ability to mine, clean, analyse data and present to the team.
- Ability to adapt new technologies.
- Ability to create cross platform mobile applications.
- Ability to create dashboard in Power BI for Data visualization.

Technical Knowledge:
- Good understanding and knowledge of PHP Language.
- Good knowledge of Object-oriented programming and functional programming.
- Good knowledge of basic functions in Python of Arrays, Dictionaries, Conditional Statement and Loops.
- Good understanding and knowledge of MySQL query language.
- Good Understanding of Python Kivy, OCR (optical character recognition).
- Good understanding and knowledge of Bootstrap and Bootswatch.
- Good knowledge of Binary Search Tree and Linked List.
- Good understanding and knowledge of MVC pattern in Nodejs and MTV pattern in Django Python.

Experience: (Offshore)
Company: Worktable Private Limited (Singapore)   Nov 19 – Aug 21
Role: Junior Data Analyst

Roles and Responsibilities:
- Interpret data, analyse results using statistical techniques and provide ongoing reports.
- Develop and implement databases, data collection systems, data analytics and other strategies that optimize statistical efficiency and quality.
- Acquire data from primary or secondary data sources and maintain databases/data Systems.
- Identify, analyse, and interpret trends or patterns in complex data sets.
- Filter and "clean" data by reviewing computer reports, printouts, and performance indicators to locate and correct code problems.
- Work with management to prioritize business and information needs.
- Locate and define new process improvement opportunities.

Project: Inventory Management System   Nov 19 – Dec 20
Client: Front Row International
Backend Development:
Developed a platform for the clients to achieve intercompany transfers, to access the details of the products involved in the process, Invoice generation, export data. The project included components like user management, user authentication, user restrictions, product management, stock transfer request management etc.
- Created a web application with vanilla PHP.
- Database structured in MySQL.

- Front-End element integration.
- Optimized SQL queries for heavy loads of System, which improves the Webapp's response.
- Optimized Script files to avoid browser (JS) manipulation.

Project: Pingo Mart (Ecommerce App)   Dec 20 – Aug 21
Backend and Data Analysis:
Database Operations, Web Scraping, Power BI Data Visualization.
- Loading products from the merchant to the application via backend.
- Web Scraping for Product information.
- Generating report from database and visualizing in Power BI for reporting and analysing.
- Market Analysis for the Product Sales.

Experience: Sep 17 – Nov 18
Company: Tic-Fibernet (Chennai, India)
Role: Technical Support Engineer

Roles & Responsibilities:
- Installation and Configuration of Computer and Networking.
- Prioritizing and managing the workflow.
- Troubleshooting, diagnosing, and resolving the issue.
- Maintaining procedural documents and reports.
- Learn and work with latest updated technologies.
- Respond to Client's calls, emails, and act accordingly to regarding the issues.
- Maintain good and smooth communication with customers through different channels like web, emails and phone calls.
- Establish and maintain good working relationships with Client's and other professionals.

Experience:
Company: Hi-Rev (Chennai, India)   Jul 15 – Feb 17
Role: Service Technician

Roles & Responsibilities:
- Service vehicles in for routine schedules maintenance in accordance with the dealer and manufacturer recommendations.
- Assist customers who needs repairs for their vehicles by ordering parts, diagnosing problems, performing vehicle operation tests, and installing new components.
- Communicate with the supervisor on a regular basis about work performed, necessary changes, new parts needed, or any other concerns related to the repair or maintenance of the vehicles.
- Keep up with the required knowledge and skills in automotive maintenance by attending workshops, seminars, or other classes to ensure the work is completed with the highest quality.
- Maintain a clean working environment, by arranging the tools and parts from the service floor by putting materials away from the workspace.
- Follow all safety requirements and local federal standards when it comes to disposing of hazardous or toxic materials.
- Adhere to best practice when working in the environment by reporting any accidents or incidents to management as soon as possible.

Certification:
- Certified in AutoCAD: Modules: - 2D Drafting, 3D Modelling (Rego: 16020026)
- Completed training in CCNA (Cisco Certified Network Associate) under the wing of CMS IT Services.
- Completed training in MCSA (Microsoft Certified Solution Associate) under the wing of CMS IT Services.
- Completed training in RHCE (Red Hat Certified Engineer) under the wing of CMS IT Services.

Education:

B.sc Hons in Computing Science – PSB Academy (Singapore)   Mar 22 – Jun 23
Diploma in Engineering Technology – Auston Institute of Management (Singapore)   Feb 19 – Nov 19
Diploma in Automobile – Tamil Nadu Advanced Technical Training Institute (India)   Jun 13 – May 15

Skill Set:

Programming Languages:

PHP   {Intermediate}

Python   {Intermediate}

JavaScript   {Beginner}

Database Management:

MySQL   {Intermediate}

MongoDB   {Beginner}