**AMBIKA SHYAM SUNDAR**

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Experienced Software expert offering instructorship through theory and hands-on practice.

Also, grooming professionals as a coach to gain expertise for application in industry and professional Certification.

I am passionate about teaching and my passion is what makes my students decide to study more."

**"** ***Allow your passion to become your purpose and it will one day become your profession."***

**LANGUAGES AND TOOLS**

* **Python-Django Framework**
* **AWS – Python**
* ***Script Languages-*** Html, **CGI-Python**
* ***Front-End Design Languages*** -VB 6.0, Java, VBA with Excel
* ***RDBMS*** - Oracle 9i, SQL Server 2000, SQL Server 7.0
* ***Languages*-** Oracle & PL/Sql, Java, C, C++
* ***Tools-*** **Sqlite3**
* ***GUI***- Developer2000 (Forms 6i, Reports6i)
* ***Web-Design Languages*** - JSP – Servlets ,ASP
* ***Operating Systems*** – Windows 7,XP,2000
* **WEB SERVER(S) – XAMPP Apache tomcat**

**WORK EXPERIENCE**

1. Consultant Engineer (Engine Test Facility) Gas Turbine Research Establishment, DRDO. From February 2008 to June 2009.
2. Software Engineer ***(Application Programmer)*** Defence Avionics & Research Establishment (**DARE**), DRDO from September 2006 to Jan 2008
3. Software Programmer (***Database Maintenance***) Integrated Enterprises India Limited from May 2005 to May 2006
4. Software Engineer (***ERP Domain Analyst & Programmer***) Sampark Info Solutions From Nov 2004 to May 2005

**A SUMMARY OF SUCCESSFUL ACOMPLISMENT OF PROJECTS AT WORK:**

## #7 Organization: Real Time Signals Period: Januay 2019 – Till Date

* Responsible for training students in Basic Python Programming and Django Framework.
* Have created course materials both for classroom and online along with assignments and test materials.
* Have guided few institutes in my locality with my learning materials of python . ❑ Have provided professional online test through Scout Live Portal ❑ Dedicated and result- driven technical instructor.
* Work closely with the technology to develop overall technology learning and development.
* Demonstrate in an efficient, effective and timely approach to understand programming concept.

## #6 Organization: Acengage Period: Januay 2018 – January 2019

* Responsible toDevelop automation of tasks using macros and Excel packages ❑ Create and update automated scripts for charts, and data tables on a monthly basis.
* Knowledge in specific data base/reporting work experience
* Participate in requirements gathering sessions to understand, capture and validate new requirements for development/modifications/enhancements

## #5 Organization: United Capital Club Period: Januay 2017 – December 2017

* Responsible for posting ads in the internet, getting responses from the clients
* Fixing appointment for them for the Orientation
* Fixing up the Joinees
* Fixing Tourism clients by posting ads in the internet.
* Digital Marketing

## #4 Organization: GTRE, DRDO Period: July 2008-June 2009

Responsible for the development of prototype software, using LabView, for the Simulation of Gas Turbine Engine Run test. Executed Network testing environment using TCP/IP protocol and Data Socket Server.

Tools Used:

* TCP/IP Networking tool
* Web Publishing Tool
* Remote Panel manager tool
* Report Generation Tool

## #3: Organization: DARE, DRDO Period: Sep 2006 – Jan 2008

1. **Augmentation of the Central Server and Repository (DRONA Server):**

DARE, maintains WebPages for the entire DRDO labs around India using a central server called “DRONA”. Thus enabling a single point Updation; which is administrated and maintained through the DRONA Project

1. **Employee Data Base Management - VB 6.0 WITH ORACLE 9i, VBA with Excel, SQL SERVER 2000, SQL SERVER 7.0**

### 3. Implementation of Human Resource Management Information Systems, Library management

* Developer 2000 and Oracle and PL/Sql Programming.
* Automation of DARE HRMIS, Library Process and transactions And Thus enabling a single point management
* Creation of the database structure by effective use of Oracle-9i
* Excellent usage of some of the advanced features like Cursors, procedures, functions, packages, and database triggers in Oracle and PL/SQL
* Efficient creation of the user interface (UI) forms using Forms 6i and reports using Reports 6i

1. **Networking Tasks*:***

* + Designing and implementation of the organization‟s network infrastructure
  + Installed and configured workstations for IP based LAN
  + Successful creation of user accounts on the Windows 2003 server (Enterprise edition)
  + Managing User accounts using Active Directory and providing secure extension of network operations to the web.
  + Automation of Network management of user data, security, distributed resources and enabling the interoperation with the other directories.
  + Provided training to staff on TPS systems (Routers and Firewall)
  + Configuration of the organization wide Microsoft outlook for Intranet Mail Facility

1. **Web Based Programming - ASP and ORACLE 9i, SQL SERVER 2000,7.0:**

## #2: Organization: IEP Period: MAY 2005 – MAY 2006

### 1. Database Management/Maintenance For Pan Application Process

* Played a mission critical role in trouble shooting and resolving issues pertaining to Process Work Flow (PAN Application – Data Base Management/Maintenance)
* Architecturing of the process flow for processing of all PAN applications done through a user interface, designed using VB 6.0 with Sql-Server2000 as backend interface
* Efficient handling of all network related issues during the process workflow
* In charge of Production Management and client interactions in Karnataka and effective coordination to address issues with NSDL, Mumbai

**SQL SERVER 7.0, 2000, 2005 AND VB 6.0 ,Oracle and Pl/Sql**

## #1 Organization: SAMPARK INFO SOLUTIONS Period: NOV 2004 – MAY 2005

* Responsible for gathering business requirements, writing technical specifications, scope releases, managing development with other departments such as Material Management and HRMS and Quality Assurance
* Analysing work for the Marketing Domain (Implementation of ERP strategies to attain a complete business solution prior to the Business specification)
* Adding intelligence to the client„s business using Java Swings

The work involved compiling of a comprehensive project status report, which also involved development of the project plans. Actively led product demonstrations, and presenting of design proposals both internally and to the customer

# ACADEMICS

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| --- | --- | --- | --- | --- |
| **Degree** | **%** | **Period** | **Institution** | **Board / University** |
| B.E  (Comp. Science) | 78.2 | 2000 – 2004 | M.A.M College Of Engineering, Trichy | Bharathidasan University |
| HSC | 86.9 | 1997 – 1999 | Town Higher Secondary School, Kumbakonam | Tamil Nadu State Board |
| SSLC | 91.4 | 1996 – 1997 | Town Higher Secondary School, Kumbakonam | Tamil Nadu State Board |