

PERSONAL INFORMATION

ABHISHEK D. HIRVE



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📄 Git Hub: <https://github.com/9158764767>

Sex: Male | Date of birth: 21/11/1997 | Nationality: INDIA

Key Skills:

Business communications, Client relationship management, MS Office, Presentation skills, UML, ERD, DFD Documentation, Programming language, Project management, Multiple domain knowledge, Business management, Accounting and Finance, Information security, Team player/leader, Time management, Multitasking, Attention to detail, Communication.

WORK EXPERIENCE

SYSTEM DEVELOPMENT TEAM MEMBER (Voluntary)

Datacom Group, Auckland, May 2019 – Jun 2019

Responsibilities:

- Assist in developing a solution to the Voluntari.ly platform. Testing workability of platform and web pages.
- Creating and deploying Docker pipeline for easy deployment of newly created web pages.

INTERN SOFTWARE DEVELOPER

Source Tech Systems, Pune, Mar 2018 – Aug 2018

Responsibilities:

- Using Visual Basic .net and C ++ and web application development as contract and clients requirements.
- Assisting the senior developer and manual testing,
- Handling customer requirements and technical documentation.
- Projects worked on :
 - Smart SPC Smart Logger The SPC Tool.
 - Developing modules and designing UI.
 - Backend with VB.Net and Database with MySQL
 - Importing Reporting facility.
- Website development: conversion from framework based website to PHP and MySQL based.
- Maintaining frontend with bootstrap, HTML and CSS.
- Guiding clients for SEO and Web Hosting.
- Tools used in working: Visual studio 2014 express for C++, VB.net, WordPress, Dreamweaver and MYSQL.

INTERN & JR.WEB DEVELOPER

3RI Technologies (Pvt, Ltd), Pune, Apr 2017 – Jun 2017

Responsibilities:

- PHP Development, Word Press website management, assisting the senior developer.
- Handling customer's requirements and changes.
- Conversion from WordPress to core PHP with MySQL.
- Front and Backend handling.
- Skills and tools used during the role: WordPress, Dreamweaver, MySQL,
- Xampp and Wamp server manager, Codeigniter MVC framework,
- Joomla, Magento, Drupal 7 opensource CMS, Wix.

EDUCATION AND TRAINING

Post Graduate Diploma in Information Technology

The University of Auckland, New Zealand, 2020.

CGPA: 5/9 Grade Equivalent: B (Highest possible Grade at Uni : 9 (A+))

Bachelor of Business Administration in Computer Application

Majoring in Computer Science and Business Administration

University of Pune, India, 2018.

Percentage: 62% 1st Class.

PERSONAL SKILLS

Mother tongue(s) ENGLISH

Other language(s)

ENGLISH
German

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
PROFICIENT	PROFICIENT	PROFICIENT	PROFICIENT	PROFICIENT
A1	A1	A1	A1	A1

Technologies: AWS Cloud (Solutions Architect Associate), SAS Programming, SAP UI5, SAP ERP Solution manager, Oracle, IBM SPSS Modeler, ARIS-Business process Analysis Platform, STELLA Architect ISEE platform, DBMS, RDBMS, Machine Learning.

Concepts Known:

IT Project Management, SAP ERP Modules, Dual Track Development, OOPS concepts, Object-oriented software engineering, Agile, Scrum, Innovation, SDLC and Software engineering methodologies and, Model View Controller (MVC), Strategic Entrepreneurship.

Programming Languages: HTML, SQL, C++, Java(advance(J2EE)), JavaScript, PHP, Python, VB.NET, PL/SQL

Full-stack development **Frontend:-**HTML 5,Bootstrap. **Backend:-**PHP, Python, jQuery, AJAX, **DB:-**MYSQL DB, PL/SQL(Oracle 10g),XML.

Big Data Analytics:	IBM Software Analytics Solution – SPSS Modeller.
	Open Source Analytics Solution – Python, Jupiter, MySQL, MySQL Workbench, Kettle/Spoon, Tableau, Weka, MS Power-BI.
	Big Data Analytics Solutions – GitHub, AWS (EC2/AMI), Jupiter, Py-Spark, Spark.
	Microsoft Software Analytics Solution – Microsoft SQL Server, Azure
Web Development Frameworks	Code-Igniter, Drupal 8.0, Joomla, WordPress, Shopify, Magento, Wix.
Technical Documentation Skills	SRS analysis, ERD, DFD (with Normalisation forms), UML modelling.

PROJECTS

- **Use of Technology to Understand patterns and to predict the future with Data analysis and Machine learning:**
Pattern analysis of air pollution with machine learning and data mining. Used IBM SPSS modeller, Weka, Tableau, Python with Pandas, cattle and spoon, Py-Spark.
- **On-premise service to AWS cloud transformation:**
Working with AWS sand-Box environment and creating and architecting solution for a medical company deploying on-premise environment on AWS cloud. Designing cloud architecture and deploying state of the art solutions in AWS AMI. Utilizing technology to find solutions for real-time problems. Achieving total customer satisfaction by implementing the proposed solutions.
- **Business solution analyses and development:**
Creating and developing an enhanced and adaptable business solution with SAP ERP implementation. Analysing business variables.
- **Wireless Security management (VISUAL BASIC):**
Created a government system is useful for recordation and manage the data related to wireless communication. In government forces and semi-government sectors, the system is useful for Inventory management and manage the things related to wireless communication. The system provides Digitalization of the standard operating manual. Providing digital access to the inventory management process and implementing multifactor Authentication to secure system.
- **Aircraft maintenance management (VB.NET):**
Created a digital system to replace a manual process. Searching for spare parts, obtaining stock information and damage analysis. This software will manage Aircraft Maintenance system. Digitalization of the standard operating manual. Providing digital access to the inventory management process and implementing multifactor Authentication to secure system. Searching for spare parts, obtaining stock information, getting damage analysis such operations will become more comfortable with the help of this system.

Certification and Awards

- **Scrum Foundation Professional Certificate (SFPC)**
- **AWS Certified Cloud Practitioner**

- **ARIS Business Process Analysis Platform (Software AG).**
- **SAS Programming Stage_1**
SAS
- **Deep Learning & Image Processing**
Indian Institute of Science and Research by NVIDIA
- **SAP WEB APPS UI5**
SAP
- **Certified Ethical Hacking**
College of Engineering Pune
- **Database Designing**
Tata Consultancy Services

Publications

❖ **Research : (Status: completed and Under the process of publishing: The University of Auckland)**

1. Compranhanive and analytical study on Business startups migrates their organizational services from on-premise environment to the cloud as a better solution choice with their limited resources with technical skills and financial assets. (IEEE standards)

Abstract: This report contains information about Indian businesses which migrate to the cloud and with high performance and the organizational data. Migrating to cloud how it goes profitable for large and small scale organization's as influential audience. This research is conducted by a comparative study with different cloud service providers. It also includes price comparison with MS Azure platform vs Amazon web services, which gives more better solutions to organizations for manage migration, and the growth of SaaS in India, Why?- This research will light ups some Business and Technical Aspects for multi-scale Businesses In India for cloud migration. This paper can be referred to as solution processing for startups and give abstract to move on-premise to virtual services in the future. This paper is based on migration case studies. This paper includes a comparative view for startups to study different cost-effective and more relevant study while migrating services on the cloud. This study cases can be future example cases to make a relevant choice to choose more efficient cloud solution.

2. Compranhanive and analytical study on system design documents how it makes a confused reflection of the System. (IEEE standards)

Abstract: This paper gives a reflective view on document analysis .this research strategy gives a view of ambiguity generation and uncertainty generated in design documents. Qualitatively analyzed data which contains related themes and codes. This paper is based on case studies of organizational software design documents, user stories, a nonprofit organizational project which has user story, system workflow, some design decisions, and some user manual with a verity of technical artefacts included in the documentation. Quantitative analysis help to understand the clarity of documents for better understanding.study includes ' Exploratory sequential mixed method' which is qualitative and a quantitative mixture of analysis.

3. creating Adaptable, sustainable enterprise system smart city concept study of Startup and mid-level Business Management Quantitative and Qualitative research on solar power based Business venture. (APA6 standards)

Abstract: This report contains an idea of creating a unique business solution A&A Power solutions. As creating a startup plan for a solution as a global issue of energy generation using renewable resources such as solar power. Project is about creating a solution for implanting solar panels for power generation, which is launching a new product in the market as Solar Power Tree(SPT). This report will describe that launching and implementing the project in high populated countries like India and as future scope for the global market. As taking account of global environmental issues and creating global as well as local level employability. The report also showcases multiple elements on which business plan is based on a key element, and that is essential to make the successful implementation of business logic and idea, with implementations of different business models and strategic analysis models for enterprise planning. The report also includes a business plan with value-added elements. The report also focuses on value chain activities and long term vision planning. The report also focuses on disruptive event management or risk management elements in enterprise planning. The Business focuses on the Nish market in India and as getting exposure in future will concentrate on the global market, which follows the principle of the stage of enterprise growth crucial transition and core management Mode. Strat and experiment with a small market and trivial towards globalisation.

4. Big data and Data mining for Analysis of patterns in Air pollution. (APA6 standards)

Abstract: This paper Includes study on the pattern of Air pollution across India. The topic is based on the United Nations sustainable development goals. This paper is focusing on the methodology for Data mining and analysis. This paper is based on the practical application on the project carried out on the study of the pattern of Pollutant particles present in the air. The data used for the experiment carried out in this project is released by the Ministry of Environment and Forests and Central Pollution Control Board of India under the National Data Sharing and Accessibility Policy (NDSAP). The paper reflects insights from the experimental data mining carried out with the use of multiple software platforms. The technology stack used in the project is IBM SPSS, Python Pandas library, Pyspark, Tableau. This paper is also useful for decision making in order to generate a business enterprise based on innovative tech products. The methodology used in the proposed project and paper can be universally applicable for cross industry-based data mining and analysis.

References

Referees available on request.