# VIVEK PRAKASH KHADSE

Mumbai
Phone: +91 - 8983421053
Email: vivekkhadse06@gmail.com

## Career Objective:

Strive for a position where my skills, knowledge, experience with high aptitude can effectively contributes in the growth of the organization, developing consumer links and in turn broaden my knowledge of implementing, developing information systems and software and gradually move towards higher managerial level in the organization through knowledge, dedication and experience.

## Previous Employer:

Name of Employer: SAP Labs India Pvt. Ltd.

## Experience Summary:

4 years of experience with emphasis on Software Development and Data Analytics. Actively involved in developing Analytical models, Recommendation Engine and Visualizing Data. Also, involved in designing and developing Financial Software products using Dot Net, C# as programming language and Silverlight 5, WPF technologies.

## Personal Skills:

- Strong academic background in IT and Computer Science combined with a good exposure on Hadoop, R, Python, Machine Learning, Regression Analysis, Tableau and MongoDB and an excellent knowledge in Dot Net Framework 4.5, WPF, Oracle and SQL 2008.
- Comprehensive problem solving abilities, excellent verbal and written communication skills, ability to communicate with clients.
- Quickly learn and master new technology.
- Equally successful in both team and self-directed settings.
- Willingness to learn and team facilitator.

## Educational Qualification:

| Course | Board/University | Grades/Percentage | Year of Passing |
|---|---|---|---|
| M. Tech. Computer Science (Specialization in Big Data Analytics) | VIT University | 8.4 | 2018 |
| B. E. Information Technology | Amravati University | 69.85% | 2012 |
| H.S.C. | Maharashtra State Board | 66.50% | 2008 |
| S.S.C. | Maharashtra State Board | 73.06% | 2006 |

# Technical Skills:

- Languages : R, Python, C#, XAML.

- Technologies : Machine Learning, Regression Analysis, Hadoop, Spark, Asp.Net, WPF.

- Database : Oracle 10g, SAP IQ, MongoDB, Microsoft SQL Server 2008.

- Software : Visual Studio, R Studio, Tableau.

# Publications:

- Published a paper on **Recommendation Engine for Predicting Best Rated Movies** in International Journal of Advanced Science and Technology, SERSC, Australia.

- Published a paper on **Analysis of Crime committed against Scheduled Tribes** in Material Science and Engineering Journal, IOP Science, Bristol, UK.

# Certifications:

- Certified course in Oracle 10g and Java from SQL Star International Pvt. Ltd., Mumbai.

- Microsoft Certification in Programming in HTML5 with JavaScript and CSS3.

- Certified course in ASP.NET & ADO.NET.

# Project Details:

**Company Name : SAP Labs India Pvt. Ltd.** (From July, 2017 to July, 2018)

**Project Name: SAP IQ (TIA – QA)**
Environment  : SAP IQ
Role            : Intern

Project Description:
SAP IQ is a column based relational database system. It is used to analyze large amounts of data (petabyte). It is used for Business Intelligence and Data Warehousing. TIA – QA is a Quality Assurance team of SAP IQ which works on validating errors in product and also ensure the quality of the product before delivering to the customers.

Role Description:
  ➢ Manual and Automation testing.
  ➢ Test Edit for Upgrade database test suite.
  ➢ Testing features related to multiplex architecture of SAP IQ.
  ➢ Manage and Monitor SAP HANA instances using SAP HANA Cockpit.

**Project Title :** Analysis of SARAL/AltiKa Satellite Waveform Data By Using Unsupervised Learning Mechanism.
**Technology**  : Statistical Analysis, Python

Project Description:
This project deals with the analysis of SARAL/AltiKa satellite waveform data and classify it into different region based on the data. There can be mainly four types of classes formed i.e. pure water, plain-land, water- land- boundary as well as sloppy-land. By using k-means and kernel k-means clustering techniques, different cluster are formed. We have used Python as programing language and got the realtime satellite data from IIRS department, ISRO.

Role Description:
- ➢ I was responsible for carrying out Principal Component Analysis of unsupervised data.
- ➢ I also used k-means clustering for clustering the classified data.

**Project Title :** Analysis of Crimes Committed Against Scheduled Tribes
**Technology**  : Statistical Analysis, R.

Project Description:
This project deals with the analysis of the crimes committed against Scheduled Tribes community in different states and union territories in India. It also deals with the prediction of crimes that can take place on this community in future in different states. We used R as the programming language and Multiple Regression model for prediction.

Role Description:
- ➢ I was responsible for getting the required dataset.
- ➢ I was responsible for designing the architecture.
- ➢ I also worked in comparing different results and visualize it in more user understandable way.

**Project Title :** Content based Movie Recommendation System
**Technology**  : Python, Machine Learning

Project Description:
This projects deals with the comparative study of two different recommendation model i.e. Popularity Model and Collaborative Filtering Model. This Recommendation System will give best movies based on user preferences, reviews and ratings given by user for a particular movie. We have used graphLab package of python language which has different machine algorithms in this project.

Role Description:
- ➢ I was responsible for designing the architecture of the application.
- ➢ I also developed a recommendation engine using Collaborative Filtering Model.
- ➢ I also compared and visualized the results in more user understandable form.

**Project Title :** Facial Recognition System
**Technology**  : Python

Project Description:
This project deals with the development of a Facial Recognition System. We have used python and OpenCV package available in python to develop this system. This application can detect the faces accurately even in low lighting condition which is an advantage of this application.

Role Description:
- ➢ I was responsible for designing two modules Face Creator and Detector.
- ➢ I was responsible for fine tuning the methods used in this project.

**Company Name : Apex Softcell (India) Pvt. Ltd.** (From July, 2013 to June, 2016)

**Project Name: LD - Digital**
Environment  : C#, WPF, Oracle 11g
Domain        : Finance
Role          : Software Developer

Project Description:
LD – Digital is a back office application which is basically use to send digitally signed reports through bulk mail. It is also used to receive bounce mail status and resend the required mail. It is a windows desktop based application developed using C# language, Dot Net frameworks 4.0 and WPF.

Role Description:
  ➢ Developed Bounce Mail Status option.
  ➢ Implemented different technique to send bulk mail over the SMTP.
  ➢ Developed different Master options like SMTP, Firm Master, Software Master, etc.

**Project Name: LD - CDSL**
Environment  : C#, Silverlight 5, Oracle 11g
Domain        : Finance
Role          : Software Developer

Project Description:
LD – CDSL is a Central Depository Services system which basically deals with the holding securities either in certificated or un-certificated (dematerialized) form, to enable book entry transfers of securities. It is a web based application developed using C# language, Dot Net frameworks 4.0 and Silverlight 5.

Role Description:
  ➢ Developed All Files Import option used for importing different types of files at once.
  ➢ Developed Verify/Unverify option for Remat and Restate.
  ➢ Designed and developed different Custom Controls using default controls from Visual Studio and DevExpress controls.
  ➢ Design different pages to generate reports.
  ➢ Implemented different DevExpress tools for generating reports.
  ➢ Implemented DevExpress reports to generate reports.

**Project Name: LD - LTM**
Environment  : C#, Oracle 11g
Domain        : Finance
Role          : Software Developer

Project Description:
LD – LTM is a Live Trade Monitor system which basically deals with monitoring the live trade prices of different stocks and commodities of various companies in different exchanges like BSE, NSE and others. It is a windows desktop application developed using C# language and Dot Net frameworks 4.0.
Role Description:
  ➢ Upgraded the design of the application to work on different screen resolutions.
  ➢ Optimized the working of the application by implementing Queues data structure which is then replace by objects.
  ➢ Implemented Timers to update different databases.
  ➢ Implemented Events to update live trade feeds in the application.

## Achievements:

- Stood 1st in M.Tech Big Data Analytics department at VIT final semester.

- Won 1st Prize in Paper Presentation at National Level Technical Festival - Prajwalan 2010 organized by Government College of Engineering, Amravati.

- Won College Topper prize in Seed IT Idol competition organized by Sant Gadge Baba Amravati University & Seed Infotech Ltd.

- Stood 1st from all streams for getting highest score in English subject in 11th standard.


## Extracurricular Activity:

- Head Coordinator (Windows) C-Programming at National Level Technical Festival - Technizzma 2011 organized by H. V. P. M. College of Engineering and Technology.

- Attained two days workshop on Embedded Systems & Microcontroller organized by ASKINDIA TechnoSys Pvt. Ltd, Nagpur.

- Attained workshop on MatLab organized by ADCC Infocad Pvt. Ltd., Nagpur.


## Personal Details:

Date of Birth          : 12 September, 1990

Passport Number   : L7748489

Languages Known : English, Hindi, Marathi.