

## Abhishek Kamate

Flat numb 1008, C1-C2 wing, Atlanta I,  
Wakad-hinjewadi road, Bhujbal Chowk,  
Wakad, Pune 411 057, Maharashtra

**Phone:** +91-9527272894

**Email:** abhi.kamate@gmail.com

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Seeking challenging assignments in the field of Information Technology to facilitate the maximum utilization & applications of my broad skills in making a positive difference to the organization.

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### SUMMARY

A competent **B.E (Electronics)** professional with good academic background, offering around **8.6 years** of experience in Software development and Product Engineering in IT industry and currently associated with **GS Lab, Pune** as Senior Software Engineer.

- Involved in **Python, C & C++** application development using **Agile Methodology** in application bug fixing, enhancing & development of automation application.
- Worked in developing applications, enhancement & integration into domains like **Finance, Media & Entertainment, Telecom** using C, C++, & python technology.
- Played critical role with business users and various stakeholders for **UAT & Go-live/Prod** assistance and post implementation support.
- Having strong experience in designing, developing, and debugging **multithreading** applications with various design patterns.
- Involved in implementation of **automation testing** and played role of **manual testing** using by witting test case design.
- Played **Agile delivery lead** role for managed development team for end-to-end application development and involved in a center POC for all **project activities** aliasing with delivery managers.
- Having responsibilities of **individual contributor &** technical leading role of handling daily and weekly basis interaction and status meeting with client, onsite and offshore team.
- Ability to learn modern technologies with minimal time and Team Player.
- Skilled in understanding client requirements, analyzing the given problem, developing solutions, and ensuring delivery of work within timeframes.

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### AWARDS & CERTIFICATIONS

- ❖ Client **Appreciation** – Timely Deliveries by **InteliVision**, in GS Lab, July 2023.
- ❖ **SFC** - Scrum Foundation & **SFPC** - Scrum Fundamentals professional certificate in Aug & Oct 2021
- ❖ **Business Analysis** Certified (IIBA-CCBA) Professional, in Aug 2021
- ❖ Customer **Centricity Award** in NSE, Dec 2018
- ❖ **NCFM** Beginner & Dealers Module, **Financial & Capital Markets** in Feb & Dec 2018
- ❖ **Advanced embedded** certified, Vector India, July 2015

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### TECHNICAL SKILLS

<b>Languages</b>	: C, C++, STLs, Socket programming.
<b>Scripting Languages</b>	: Python, Shell Scripting, HTML 5, CSS 3, XML
<b>DevOps &amp; Ticketing Tools</b>	: Jenkins, CI/CD Pipeline, GitHub, Git, Bitbucket, JIRA, SVN, ALM, Redmine
<b>Database</b>	: MySQL 2015, SQL Server 2019, Stratus
<b>Software Tools</b>	: GDB, Val-grind, Wireshark, Eclipse, Confluence.
<b>Operating System</b>	: Windows 11/10, Linux

**GS Lab, Pune**  
Feb 2020 - Till Date (3.10 Yr.)  
Sr. Software Engineer

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### PROJECTS COMMENCED

Title#1: Face recognition application  
Platform used: C, C++, Multithreading, Shell Scripting  
Database: MySQL, SQL Server  
Description: Face Recognition App is a fast, accurate facial recognition solution for OEMs, integrators and developers that can detect faces of all ethnicities, without racial bias and recognize them from database of images on sever.

#### Roles & Responsibilities:

- Working as an individual contributor for a Facial recognition desktop application; prioritized and resolved 50+ new features and bug fixes.
- Resolve memory leaks and optimize code to improve system performance.
- Design, develop and maintain complex multi-threaded C++ applications, plan, and support QA testing, SIT and UAT by reviewing test cases.
- Conduct root cause analysis of production issues using log analysis, source code inspections and database queries.
- Gather requirements from Business teams to holistically capture Product Backlog and enable preparation of IAD, Use Cases and create Technical User Stories.
- Received Client appreciation for robust, timely and successful deliveries of complex features.

**CRISIL, Mumbai (4 Months)**  
Sep 2019 – Feb 2020 (4 Months)  
Software Engineer

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Title#1: Automation of Business Processes  
Platform used: Shell script, Python, Linux  
Description: Developed shell scripts to automate dev/testing environment setups and configuration, with capability of performing automatic password resets and system hygiene checks.

#### Roles & Responsibilities:

- Automated routine tasks and processes there by saving a significant amount of man hours and reducing manual errors.

**National Stock Exchange of India, Mumbai**  
Dec 2017 – Sep 2019 (1.9 Yr.)  
System Analyst

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Title#1: **Electronic Trading Platform- Data subsystem**  
Platform used: C, C++  
Database: Stratus  
Description: The data subsystem is one of the important components of capital market trading systems which acts as database to hold all trading system, intuitional trading firm and retail investors data.

#### Roles & Responsibilities:

- Successfully led migration of system critical components which resulted in improved latency and offered cost effective solutioning of a new platform for the Electronic Trading system.

- Proven track record in managing software deployment, configuring and managing trading environments for UAT and production.
- Provide prompt and effective email and phone support to business users, maintain client satisfaction.
- Collaboration with other teams (CAB meetings), developers and technical leads.
- Proactively led Mock and Pre-Mock activities, identified and documented RCA reports to streamline and improve Production Processes and significantly reduce manual efforts.

**Dolat Capital, Mumbai**

Feb 2017 – Nov 2017 (9 months)

Software Developer

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**Title#1: Algorithmic trading platform**

Platform used: C, C++, Linux, Multithreading, STLs, Design patterns.

Database: MySQL

Description: Future to future arbitrage strategy algorithm where it receives a input from traders in difference of near and far future contract, based on the received input algorithm decides which months contracts to trade.

**Roles & Responsibilities:**

- Key member of a core development team responsible for designing, developing, maintaining, and optimizing multi-tiered C/C++ Trading applications and complex IT infrastructures
- Developed and coded an F2F arbitrage strategy using C++, STL and Boost on Linux platform.
- Created and supported Functional and Technical Unit Testing scripts, Coding framework and processes for complex, cross-platform, UDP server/client based multi-threaded applications.
- Proactively led Mock activities, identified, and documented RCA reports to streamline and improve Production Processes and significantly reduce manual efforts.
- Developed technical and functional understanding of Trading and Strategy applications and worked closely with PMs, BAs and SMEs to gather Business acumen (Financial and Capital Markets)

**Opulent Infotech Pvt. Ltd, Mumbai.**

Oct 2015 – Feb 2017 (1.10 Yr.)

Software Engineer

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**Title#1: Smart kheti**

Platform used: C, C++, Linux, Multithreading, STLs

Database: MySQL

Description: Smart kheti is drip irrigation controller which is operated by mobile phone through SMS. In smart kheti a farmer can automate a watering cycle according to electricity schedules without going into a farm irrespective of timings.

**Roles & Responsibilities:**

- Involved in IoT/GSM Based Agriculture product development.
- Designing, coding and development of features in C/C++ using STL in TCP/IP framework
- Analyze technical requirements, discuss with teams, and implement them in a timely manner.
- Perform Unit testing for each of the developed modules.

### EDUCATION DETAILS

Name of Exam	Name of School/College	Name of Board/University	Year of passing	Percentage (%)
B.E (Electronics)	Walchand Institute of Technology	Solapur University, Maharashtra	2014	First Class with Distinction
H.S.C	Kisan veer Mahavidyalaya	Maharashtra State Board, Maharashtra	2009	63.17
S.S.C.	Dravid High School	Maharashtra State Board, Maharashtra	2007	74.46

### PERSONAL MINUTIAE

**Full Name** Abhishek Bhupal Kamate  
**Date of Birth:** 6<sup>th</sup> May 1992  
**Languages Known:** English, Hindi, and Marathi  
**Passport Status:** Available (No.: M7864604)  
**Mobile No:** +91 9527272894