

ABHISHEK VASUDEV

Software Engineer

Portfolio: <https://abhishekvasudev.github.io/>

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EDUCATION

Examination/Course	University/Board	Year	CGPA/Percentage
Graduation (Bachelor of Technology Information Technology)	GGSIU	2018	83.20%
XII (Senior Secondary), Science	CBSE	2014	81.40%
X (Secondary)	CBSE	2012	9.20/10 CGPA

SKILLS

Programming Languages	: Proficient in C, C++, Java Core Beginner in Swift, Python
Database Management	: MySQL, Firebase
Web Designing	: Proficient in HTML, CSS, Bootstrap, JavaScript Beginner in PHP
Mobile Development	: Intermediate in React Native
Utilities	: Adobe Photoshop, Eclipse, Net Beans, Umbrello
Artificial Intelligence	: Basic concepts of Machine Learning

RELEVANT COURSE WORK

- Object Oriented Programming
- Data Structures
- Algorithm Design and Analysis
- Software Engineering
- Database Management System
- Java Programming
- Advanced Computer Network
- Cryptography and Network Security
- Machine Learning

EXPERIENCE

SOFTWARE ENGINEER | July 2018 – Present

Infosys Limited | Navigate your next.

Currently working on frontend of an Apple project

Learned Apple App Development:

- Enrolled in Fast-Track Batch.
- Learned Application Development for MACOS and iOS.
- Learned fundamentals of Swift programming.
- Learned MACOS Development:
 - MACOS Architecture
 - Fundamentals
 - PList
- Learned iOS Development:
 - iOS Architecture
 - Fundamentals
 - Core Data
- Learned Project Development in iOS:
 - Backend logic using Core Java
 - Database configuration using SQL Developer
 - Database logic using ODBC Java connection and SQL statements

Language Used: Swift, Java

Platform/IDE used: XCode, SQL Developer, NetBeans

WEB DEVELOPER INTERNSHIP | June 2017 – August 2017

Comezo Infotech Pvt. Ltd. | A new age digital platform for school admins, tutors, teachers and students.

Worked as frontend developer

Projects:

- Developed the company website: <http://comezo.in/>
- Worked on dynamic content using JavaScript and SEO for the company website.

FREELANCE WEB DEVELOPER | October 2017 – January 2018

Pararthy | Sustainable Development & Environment Conservation Society

Worked as frontend developer

Projects:

- Developed the company website: <http://pararthy.com/>
- Worked on SEO for the company website.

PROJECTS

- **HAND WRITTEN DIGITS RECOGNITION SYSTEM:**

A machine learning application which recognizes and correctly identify hand written digits. It scans the image of digits and converts them into data.

Technology used: Python, Tensor Flow, MNIST data set

My role: Individual project.

- **FACIAL DETECTION SYSTEM:**

A facial detection system is a computer application capable of identifying face of a person from a digital image or a video frame from a video source.

Technology used: C++, OpenCV

My role: Individual project.

- **PARK ASSIST:** (Prototype Ready)

A mobile application used to help a user by showing nearby parking spaces under the radius of 1 km. The application either takes the current position or the user given address as the search point. The application also provides parking management to the parking owners. The available spaces and booking of a space happen in real time. This is achieved with the use of Firebase.

Technology used: React Native, CSS, JSON, Firebase, draw.io

My role: Both Front-end and back-end, prepared PowerPoint Presentation

- **TEACHER ASSESSMENT:** (Ongoing)

A software tool to evaluate teacher performance based on student feedback. The software evaluates the performance of teacher based on the inputs provided by the students. This will help the new students to know about the teaching faculty and the university to bring improvements in the faculty.

Technology used: Java Core, JavaFX, MySQL, CSS

My role: Both Front-end and back-end

- **QUIZ:** (Ongoing)

A standalone application for conducting multiple choice based quiz or tests where a user can make test and students can give test. The test formation is flexible and user friendly. The test formed is secured and strict due to time limit.

Technology used: Java Core, MySQL

My role: Both Front-end and back-end

POSITIONS OF RESPONSIBILITY

- **Team Leader, Smart India Hackathon 2017:** Led Team SPI, consisting of 6 members, shortlisted for grand finale.
- **Vice President, Special Projects Initiative(SPI):** Core team member of Special Projects Initiative(SPI) of IT Department of college. Conducted inter section IT department Hackathon.

- **President, Techedge Club:** Elected as President of Techedge Club, Computer Society, at Bharatiya Vidya Bhavan's Mehta Vidyalaya. Conducted Dewang Mehta Memorial Inter School IT Competition.
- **Event Organizer, Innoviz 2016:** Organized 2 events at the annual techno-cultural fest, Innoviz 2016, at college.

ACHIEVEMENTS

- Shortlisted for screening process for the role of Software Developer at Google
- Secured Gold and Silver medal at National Cyber Olympiad in year 2012 and 2013 respectively.

AREA OF INTEREST/HOBBIES

- Software Development
- Competitive Programming
- Application Development
- Web Development
- Cricket and Computer Games