# RISHABH KHANDELWAL

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## Software engineer

## About me

I am passionate and hard-working software engineer with proven leadership and organizational skills well-versed in technology and writing code to create systems that are reliable and user-friendly. Confident communicator, strategic thinker, and innovative creator to develop software that is customized to meet a company's organizational needs, highlight their core competencies, and further their success. I am presently looking for an opportunity as an entry level software engineer with a view to provide me technological exposure, growth possibilities in my carrier and to apply my sturdy organizational capabilities, award triumphing educational background to prove myself as a worthwhile asset for the enterprise that I work for.

## Carrier Objective

To obtain a challenging and responsible position in professionally managed organization and to contribute effectively to the success of the organization and further improve my personal skills.

## Education

| 2019 - 2020 | **Bachelors in Software Engineering (Honors)(Level-8)** |
|---|---|
| | *Athlone Institute of Technology Ireland* |
| | **[Grades – 1.1]** |
| | **Pursued Bachelor of Honors in Software Engineering specialization in :** |
| | **Agile Methodologies | Networking | Software Design | Database | Client-Side Technologies | Distributed System** |

| 2016 - 2019 | **Bachelor Of Science In Information Technology |** |
|---|---|
| | *Bharati Vidyapeeth Deemed University- Pune,india* |
| | **[Grades – 9.42 SGPA]** |
| | **Pursued Bachelor of Science in Information Technology specialization in :** |
| | **Data Structure | Database Management System | Advance Programming Language | SAP | Project Management** |

## Work experience

| Aug 2020 - Aug 2021 | **Software Engineer** |
|---|---|
| | *Nxt Vision It Support and Services Pvt.Limited-indore* |
| | Managed website development projects from initial design to final stage. |

- Developed website from front to backend using PHP, Html, JavaScript.
- Created interactive UI that surpass client objectives and improved user experience.
- Performed unit testing in application by developing and applying test cases in Junit.
- Created Rest full Api's that extract useful information and populate orgaization database .

| May 2019 - July 2019 | **Software Engineer - Intern** |
|---|---|
| | *Virtue Infotek* |
| | Worked as a Software Engineer intern where I was given a live project based on React. |

- Employ best coding practices and object oriented programing techniques to work on different software development projects
- Obtained a solid understanding of application development by creating , testing and deploying application on custom hardware
- Performed refactoring of student library website legacy JavaScript code base , reducing loading time by 60 %.
- Collaborate with business analyst , users and client to collect requirements and provide implementations.

| June 2018 - Aug 2018 | **Software Developer -Intern** |
|---|---|
| | *Nxt Vision It Support and Services Pvt.Limited-Indore* |
| | Worked as Backend Developer in Software Development Team .learn and Developed mobile application which is basically a real-time share market application which provides various services to the client, the application uses various rest api's to setup its layout and load services ,also learned to deploy an web application for the same which is used for setting up the mobile application according to different colors ,layout and services. |

- Supported Nxt Vision testing and engineering process
- Confirmed that complete software meet client requirements.

- Completed maintenance on existing programs.
- Carried out continuous Identification , measurement and Improvement of processes.
- Worked Closely with product team on scope of client future needs and innovations.
- Worked on Several restful api's to transfer data from web application to mobile application
- Worked on scripts to extract data from disparate source system, transform and load it into SQL DB.
- Worked on Developing PL/SQL modules to migrate and reconcile data from third parties into database.
- Worked with stakeholders and production teams across units to identify business needs and translates the business requirements into technical solutions.
- Worked on creating weekly capacity reporting dashboard for Operations Leadership.
- Communicated insights and recommendations in a clear and concise manner.

## Major Projects

- **Car Automation using Iot**
  Developed a smart car using Arduino mega ,which has features like self-drive, path learning , obstacle detection , app controlled , motion controlled , voice controlled ,the car is controlled by an android application which sends signal to the car and accordingly the features of the car is activated.
- **Optical character recognition application using tensorflow and image processing**
  Application that takes images from a smartphone camera or smartphone gallery and extracts the textual content from it. It has features such as image conversion to text, and is built for invoice computation of restaurant and hotels orders.
- **Theme changer web application using php and andriod**
  Web application that provides many features for andriod application customization. It has features such as changing the layout / theme and services of the real-time andriod application. The web application sends its data to the andriod application through several api's and using those api's andriod application fetches the data and then accordingly changes are refelected into andriod application.
- **Real time gesture detection and virtual mouse using opencv , python , Javascript , ml5.**
  In order to monitor the real time media player and mouse pointer, this project was undertaken to recognize hand gestures. To distinguish Getures, it uses a laptop camera. It has features such as we can shift the volume or rewinding, playing and pausing by hand gestures..

## Technical Skills

- **PROGRAMMING LANGUAGES :** PL-SQL, JavaScript, Python , C , C++, PHP, Java , Android, C#, .NET,HTML, CSS, JS, Data structures,
- **SCRIPTING LANGUAGES** : Node JS , React JS , AngularJS , **DATABASES** : Oracle, MySQL, NOSQL .
- **TOOLS :** SQL Developer, MS Excel, Jupiter Notebook, IDLE, Android Studio, Eclipse , VS Code ,Python IDE .

## Strengths

- Wholehearted, Embracing mentorship , Positive Attitude
- Initiator , Quick learning Ability

## Achievements

- Software Developer Intern at NXT Vision Indore , Winner in Inter college blind coding competition