

# Keshav Singhal

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## EXPERIENCE

### **Software Engineer Intern**, MRI Software, Solon, OH, USA

May 2023 - May 2024

- Enhanced data accuracy of over 200,000 records by configuring Import/Export API's whitelist metadata written in C# to align with its PMX Windows table counterpart.
- Converted 15 existing PMX Web Design Setup and Maintenance pages to MRI Application Studio (MAS) Web pages for improved UI and managed them using Atlassian JIRA and Confluence.
- Reduced 30% of bugs by planning and designing tests of over 100 Import/Export API calls using Postman and validating MAS pages with Playwright.

### **Data Entry Intern-Salesforce**, Cross Country Mortgage, LLC, Cleveland, OH, USA

Mar 2023 - May 2023

- Achieved 99% data accuracy by preparing and organizing data in Microsoft Excel and uploading it into Salesforce CRM.
- Improved 20% marketing campaign efficiency by collaborating with team members and understanding the data organization.
- Designed database best practices by maintaining data integrity across 10,000+ records and optimizing data handling processes using SQL.

### **Python Developer Intern**, Sebiz InfoTech Pvt Ltd, Mohali, PB, India

Jan 2020 - Jun 2020

- Developed an E-Commerce platform (Mecca.com) by partnering with a team of 5 Python developers and serving over 50,000 users.
- Reduced 80% of payment defaults by Implementing cart management and secure payment gateways.
- Increased customer footprints by enhancing the platform functionality utilizing Django, a Python-based framework, and libraries.

### **Java Developer Intern**, Gitstein Technologies, Patiala, PB, India

Jun 2017 - Jul 2017

- Delivered an Online Email Administration Application by working with a team of 2 Java Developers to reduce manual email account setup time by 70%.
- Reduce 50% complaint resolution time by handling over 1000 accounts per month and automating the creation of new email accounts.
- Implemented the project using Core Java, SQL, and Data Structures and Algorithms (DSA).

## PROJECTS

### **MP3 Player (Python)**

- Built a virtual MP3 player with features for users like playing, stopping, and changing any music file stored on a computer using Python. Accuracy in terms of efficiency: 90%

### **Telegram Bot / Pocket Dictionary**

- Built a live Telegram Bot called Pocket Dictionary Bot which enables users to find the pictorial meaning of any word anywhere using Python and Basic JavaScript. Correctness in terms of finding meaning: 95%.

### **E-Commerce Application (Mecca.com)**

- Designed an E-Commerce website with all functionalities ranging from selecting things in a cart to payment gateways using Django Framework and Python.

### **Email Administration Software**

- Developed a software application that automates the process of creating new email accounts in an organization using Java, SQL and Data Structures and Algorithms (DSA).

## SKILLS

- Object-Oriented Languages:** Java, Python, C#, Spring, Node.JS
- Web Technologies:** HTML, CSS, JavaScript, React
- Databases:** SQL, MSSQL (Microsoft SQL Server), MySQL, MongoDB
- DevOps:** AWS, Git, Docker, Kubernetes, CI/CD Pipelines
- Computer Science:** SDLC, Agile Methodologies, Salesforce CRM, REST APIs, Microservices, System Design, Microsoft Office Suite, Unit/System Testing, Operating Systems, Data Structures, Algorithms, Visual Studio, Microsoft Teams

## EDUCATION

- Master of Science, Computer Science, GPA: 3.77**

May 2024

Cleveland State University, Cleveland, OH, USA

- Bachelor of Technology, Computer Science, GPA: 3.54**

May 2021

Thapar Institute of Engineering and Technology, PB, India

## CERTIFICATIONS

- Introduction to Java (Basic)**

[Link:](#) 

By: Hacker Rank | ID: EAA94FF7C877

- Introduction to SQL Programming (Basic)**

[Link:](#) 

By: Hacker Rank | ID: D5021E9BEBDF