Keshav Singhal

1.keshavsinghal@gmail.com | (216) 266-7448 | Portfolio | LinkedIn | GitHub

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% 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 into Salesforce CRM.
- Improved 20% efficiency of marketing campaign 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% 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
- 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: 88%

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, REST APIs, Microservices, System Design, Microsoft Office Suite, Unit/System Testing, Operating Systems, Data Structures, Algorithms, Visual Studio

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