Keshav Singhal

1.keshavsinghal@gmail.com | (216) 266-7448
linkedin.com/in/keshav-singhal | github.com/keshav-singhal

SUMMARY

Results-driven Software Engineer aka Software Developer with over 2+ years of Information Technology experience, a Master's in Computer Science, and a strong command of Java, Spring, and React. Adept at building full-stack solutions, working with database systems like MSSQL and MongoDB, and implementing CI/CD pipelines using Git. I am seeking a challenging Software Engineer/Developer role to deliver scalable software solutions while contributing to social impact initiatives and expanding cloud computing and system architecture expertise.

SKILLS

- **Programming:** Node, Java, Python, Django
- **Web Development:** HTML, CSS, JavaScript, TypeScript, React.
- **Database Technologies:** SQL, MS SQL
- **Cloud Platforms:** AWS
- **DevOps Processes:** Git, Docker, Kubernetes, CI/CD Pipelines
- **Testing/Automation Tools:** Unit Tests, Selenium, Playwright, Jenkins, Postman
- **Computer Science:** RESTful APIs, GraphQL, Algorithms, Data Structures, Operating Systems (Windows, Linux), JIRA, Scrum, Confluence, SDLC, Agile Methodologies, OOPS Principles, Microservices

EXPERIENCE

Software Engineer Intern — **May 2023 - May 2024**
MRI Real Estate Software — Solon, OH, USA
- 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 **Jenkins,** and validating MAS pages with **Playwright**.

Salesforce Data Entry Intern — **Mar 2023 - May 2023**
CrossCountry Mortgage LLC — Cleveland, OH, USA
- 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 — **Jan 2020 - Jun 2020**
Sebiz InfoTech Pvt Ltd — Mohali, PB, India
- 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 — **Jun 2017 - Jul 2017**
Gitstein Technologies — Patiala, PB, India
- 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

E-Commerce Marketplace Application, Mecca.com (Python, Django)
- 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 (Java, SQL, Data Structures & Algorithms)
- Developed a software application that automates creating new email accounts in an organization using Java, SQL, and Data Structures and Algorithms (DSA).

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 (Python, JavaScript)
- 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%.

EDUCATION

- **Master's in Computer Science | GPA: 3.77** — May 2024
  Cleveland State University, Cleveland, OH, USA
- **Bachelor's in 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