SUWILANJI SILWAMBA

Software Developer

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# SUMMARY

I am a highly motivated individual who is passionate about Software engineering and Web Development, I am a Master's student seeking to further my skills and knowledge in the field. I have a strong background in programming languages such Java, C#, C++, JavaScript, SQL and Python. I have a keen eye for detail and a drive to constantly improve. My technical strengths lie in web and desktop application development, computer systems administration and database management while I also possess great non-technical strengths such as great leadership, communication, and interpersonal skills.

# EXPERIENCE

**Industrial Internship at NeoFlex**

* Designed and Implemented an API for a shopping mobile application using Spring Boot
* Designed the database and administered it throughout the projects lifespan

**Freelance Developer**

* I have designed and implemented Api’s for over 10 individuals over the last 2 years
* I design and create database schemas

# **SKILLS**

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| --- | --- | --- |
| **Programming Languages** | **Databases** | **Frameworks and other tools** |
| Java, C#, SQL, JavaScript, C++ | PostgreSQL, Oracle DB, MongoDB | Spring Boot, ASP.NET, React JS, Next JSGit, Rest API, Docker, JUnit |

# **Other Skills**

Team player & Leader, Problem solver and highly analytical

# **Recent Projects**

**Task Assistant Bot |** [**link to project**](https://gitlab.pg.innopolis.university/v.babayan/task_assistant_bot)

I worked in a team of 4 to develop a task assistant application to allow users to manage their daily tasks.

I designed the applications architecture, elicited and specified the requirements, designed and implemented the applications web server and database.

With my work on the API, we were able to reduce the response time of the application by over 50% from 1-1.2 s to under 0.4 s.

Stack: Express JS, React, PostgreSQL, Git

**Clip Solver |** [**link to project**](https://github.com/Suwi-inc/ImageClipper)

I developed a clipping tool for windows to take screen shots and to extract text from the image in order to subsequently solve any questions or tasks that might be on the image.

Stack: Java (Swing), Express JS, Git

# **EDUCATION**

**Bachelor of Science (B.S.), Software and Administration of Information Systems**

Voronezh State University

 09/2019 - 08/2023

**Master of Science (M.S.), Software Engineering**

Innopolis University

 09/2023 – Present

**High School Diploma**

St Paul's Mulungushi Secondary School

 01/2014 - 12/2016