

# Suhas Tata Sivakumar

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I am a graduate with an MSc in Computer Science seeking a Software Developer position. Eager to contribute a collaborative mindset, and an ability to learn and adapt to challenging situations.

## EDUCATION AND QUALIFICATIONS

**MSc Computer Science for cybersecurity** | Oxford Brookes University      Sept' 19 - Sept' 22

- **Modules:** Enterprise Networking, Secure System Architecture, Malware Analysis, Operating System Security & Development, Secure Programming, and Research, Scholarship & Skills in Professional Cybersecurity
- **Dissertation:** Developed a banking login authentication system using Python Flask API

**Bachelor of Computer Application in Cloud Technology** | Jain University      Sept' 16 - Sept' 19

- **Modules:** C/C++ Programming, Relational Database Management System (RDBMS), Operating System, Java, Virtualization and Cloud Technology, Microsoft Azure, Computer Networks, and Remote Infrastructure Management System (RIMS)
- **Dissertation:** Built student database management system using Java Jframes and JDBC

## WORK EXPERIENCE

**Junior Software Developer** (Part-time) | Human Centric Drug Discovery      Mar' 23 - May' 23

- Organized, debugged, and optimized a 9000+ line Python codebase in PyCharm, creating new functions for error handling and improved functionality. Utilized GitHub for streamlined code management and collaboration.
- Contributed to end-to-end testing, refining interfaces for optimal user experience.
- Technology: Python, GitHub, PyCharm, and Linux

## PROJECTS

- Built an e-commerce website using Python, for a seamless shopping experience leveraged Python's versatility to build a dynamic experience.
- Designed and developed a robust student record system using C++ CGI programming for student information, providing features such as enrollment, grade tracking, and course registration
- I have created a hotel reservation system for reserving tables and other micro services using Python.

## SKILLS

- **Programming Languages:** Python, Django, Java, Numpy, Pandas, Matplotlib, Junit, Pytest, JDBC
- **Web Development:** HTML5, CSS, Bootstrap, JavaScript, React (Awareness)
- **Databases:** MySQL, RDBMS, Cloud Databases(Azure, IBM DB2, AWS(Awareness))
- **Software:** Visual Studio, Pycharm, Anaconda, Apache JMeter, Jupyter
- **Version Control:** GitHub, Git
- **Operating system:** Windows, Linux (Ubuntu, Debian, Kali Linux, CentOS)
- **Soft Skills:** Communication Skills, Analytical Thinking, Attention to Detail, Adaptable
- **Others:** Docker, Jira

## CERTIFICATES

- Python Developer (Sololearn)
- JP Morgan Software Engineering Job Simulation (Forage)
- Python (Hackerrank)
- Full Stack Web Development (Udemy)