

Ayush Suri

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TECHNICAL SKILLS

- **Programming Languages:** Java, Kotlin, Swift, Python, C++, HTML5, Bash
- **Web Technologies and Framework:** NodeJs, React, Spring, Hadoop, Scikit-Learn, JavaFX
- **Messaging Framework:** Kafka, Solace
- **Developer Tools:** Git, Xcode, IntelliJ, VS Code, UNIX
- **Cloud:** Google Cloud, AWS
- **Database:** MySQL, MongoDB, Neo4j, GraphX, CoreData, Couchbase, KDB
- **Testing Framework:** Appium, Junit

EDUCATION

MSc in Computer Science | GPA: 3.73 Aug 2021 - Aug 2022
University College Dublin Dublin, Ireland

- **Key Modules:** Java Programming, Cloud Computing, Big Data Programming, Machine Learning with Python, Advanced Data Structures, iOS App Development, Data Science in Python, Relational Database Management System

Bachelor of Technology in Computer Engineering | GPA: 8.82/10 Aug 2016 - Oct 2020
K. J. Somaiya College of Engineering, University of Mumbai Mumbai, India

- **Key Modules:** Data Structure and Algorithms, Operating Systems, Artificial Intelligence, Database System, Data Warehousing and Mining, Cloud Computing, Microprocessor, Object-Oriented Programming

EXPERIENCE

Citi Sep 2022 - Present
Assistant Vice President FX STIRT | Java, Kotlin, TypeScript, Unix, SQL London, UK

- Developed and optimized low-latency algorithms, including system enhancements for currency-specific requirements, resulting in a 20% increase in system efficiency
- Assisted in decommissioning legacy systems and implemented a more robust, scalable solution to enhance system performance and reliability
- Built a Python script to analyse the load on multiple production hosts which helped in making the system 20% faster
- Wrote SQL scripts for currency on-boarding on FX Trading desk applications
- Maintained the server-side of FX trading by developing features asked by traders which increased their efficiency of work by 25%

SAP Jun 2022 - Aug 2022
CoE Intern | SAP S4/HANA, SQL Dublin, Ireland

- Trained on SAP Tools and Services which helped me to shadow and increase SAP Suite knowledge
- Connected SAP S4/HANA cloud service with Eclipse for the purpose of System Visualisation
- Worked with Data Governance team to improve client system performance which increased their efficiency by 2x times

ION Energy Inc. Nov 2020 - Aug 2021
Software Engineer - Mobile Developer | Swift, Java, JavaScript Mumbai, India

- Developed a new iOS Application and published it on the App Store which is used for BMS Data Visualisation
- Maintained the UI of the Android Application which increased the customer engagement by 50%, developed new features and made changes to the existing ones depending on customer requirements

PUBLISHED ACADEMIC PROJECT

Digital Pulse Emulator - Tata Institute of Fundamental Research | Python, C

- Led a team of 4 where a system was developed to read the pulses at different energy levels and periods which will generate a graph and provide data to test large scale data acquisition systems
- Published a paper titled "**Development of Digital Pulse Emulator**" in the **International Journal of Engineering, Research and Technology (Volume 8 Issue 1, 2021)** explaining how different Python methods can be used to get optimized results with regards to energy pulses

SKILLS & COMPETENCIES

- **Leadership:** Appointed as the London Lead for the Graduate Analyst Global Hackathon 2023 while working at Citi. Elected as the General Secretary of VESP in 2016-17. Additionally, group lead of the final year engineering project
- **Communication Skills:** Excellent presentation and writing skills achieved through internships, jobs and extra-curricular activities
- **Team Work:** Showed team work while working on a global project for Citi. Moreover, showed team work while playing football at university level and won several competitions.
- **Self-motivation:** Self learnt programming languages (Python, Kotlin, Typescript) and a problem solver which is portrayed through my projects on my Github account
- **Networking:** Constantly connecting with new and diverse people over LinkedIn and various industrial meet-ups
- **Analysis & Problem-solving skills:** Good analytical & problem-solving skills gained by solving coding questions and through various projects
- **Languages:** English(Fluent), German(Beginner), Hindi(Fluent)

SPEAKING ENGAGEMENTS

Lighting Talk at SISTEM 2022

Motivational Speaker

Dublin, Ireland

- Spoke in front of 200 university students about the struggles faced by an international student and how one can fit in

Android App Development using Firebase

Technical Speaker | Java

Mumbai, India

- Conducted a workshop for 120 students at VESP
- Introduced the students to the world of application development and cloud storage with the help of quizzes

Programming Language and its Impact on the Future

Technical Speaker

Mumbai, India

- Conducted a seminar for 120 students at VESP
- Gave an idea about different programming languages and how it will help in the world of digitalisation

PROFESSIONAL DEVELOPMENT

- Master React State & Hooks (Udemy) , Feb 2023
- Working Smarter at Citi, Dec 2022
- Global Citizen U21, Nov 2021
- iOS 13 App Development (Udemy), Aug 2021
- Machine Learning (Oracle Academy), Oct 2019

AWARDS AND ACHIEVEMENTS

- UCD Advantage Award, 2022
- First Prize in Data Visualisation Challenge for Women's Safety, 2022
- Volunteered with "ETC", an NGO for specially-abled children, taught them Mathematics and Science
- Awarded "STUDENT OF THE YEAR" among 18,000 students of VESP in 2015-16
- Certified A1 Max Mueller German Speaking and Writing Skills
- 3 levels of Practical & Theoretical Electronic Keyboard, affiliated to Trinity College of London, 2002 - 2009

HOBBIES

- Playing Football, Gaming and listening to music
- DJing (How to DJ for Beginners (offered by Udemy))

References available upon request