

Ayush Suri

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TECHNICAL SKILLS

- **Programming Languages:** Java, Kotlin, Swift, Python, C, Scala, Bash, Typescript
- **Web Technologies and Framework:** NodeJs, React, Spring, Hadoop, Scikit-Learn, JavaFX
- **Developer Tools:** Git, Xcode, IntelliJ, VS Code, UNIX
- **Cloud:** Google Cloud, AWS
- **Database:** MySQL, MongoDB, Neo4j, GraphX, CoreData, Couchbase
- **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
Technology Analyst | Kotlin, TypeScript, Java, Unix, SQL London, UK
- 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%
 - Developed a full stack filtering mechanism for Rules Engine application which increased the throughput of the application by 30%
- 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
 - Generated Reports using the report generation tool according to the customer needs which used Airtable APIs

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