

Ayush Suri

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TECHNICAL SKILLS

- **Programming Languages:** Java, Swift, Python, C
- **Web Technologies and Framework:** NodeJs
- **Developer Tools:** Git, Xcode, IntelliJ, VS Code
- **Cloud:** Google Cloud
- **Database:** MySQL, MongoDB, Neo4j
- **Testing Framework:** Appium

EDUCATION

MSc in Computer Science Aug 2021 - present
University College Dublin Dublin, Ireland

- **Key Modules:** Java Programming, Cloud Computing, Big Data Programming, Machine Learning with Python, Advanced Data Structures, Advanced Machine Learning, 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

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

Telyport Aug 2020 - Nov 2020
iOS Application Developer Intern | Swift, Python Bangalore, India

- Tested iOS Applications using Appium and also developed new features using Swift (Xcode) which led to company growth of about 10%
- Fixed bugs which made the application 95% crash free and made changes to the application depending upon customer feedback

SlashRTC May 2020 - Aug 2020
Mobile Application Developer Intern | Java, Swift Mumbai, India

- Worked in a B2B company where I had the responsibility to develop a VOIP application for Android and iOS platforms

RELEVANT ACADEMIC PROJECTS

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

Medkit | MongoDB, ExpressJs, AngularJs, NodeJs

- Developed a website named 'Medkit' which shows all available medicines which can be purchased and delivered to your home

VESP College Management | Java

- To digitize data-sharing in the college, creating a platform for communication between the management, faculty, and students

Penniless | HTML, PHP, CSS

- Created a website named 'Penniless', a food NGO with the objective to reduce food wastage by distributing leftovers from restaurants and wedding parties to the homeless

Smart Energy Meter using Raspberry Pi - Larson & Toubro | Python, HTML

- Developed a software which generates an electricity bill every month and then sends it to the consumer's email

SKILLS & COMPETENCIES

- **Leadership:** Appointed 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 and extra-curricular activities
- **Team Work:** Showcased team work while playing football at university level and won several competitions. Moreover, currently playing football for St. Mary Boys FC, Sandyford
- **Self-motivation:** Self taught programming languages (Python, Swift) 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 skills:** Good analytical skills gained by solving coding questions and through various projects
- **Languages:** English(Fluent), German(Beginner), Hindi(Fluent)

SPEAKING ENGAGEMENTS

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

- iOS 13 App Development (offered by Udemy), Aug 2021
- Machine Learning (offered by Oracle Academy), Oct 2019
- Introduction to Programming Using Python (offered by NIIT), Dec 2015

AWARDS AND ACHIEVEMENTS

- 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