

# Ayush Suri

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## TECHNICAL SKILLS

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- **Programming Languages:** Java, Swift, Python, C, Scala, Bash
- **Web Technologies and Framework:** NodeJs, Hadoop, Scikit-Learn, JavaFX
- **Developer Tools:** Git, Xcode, IntelliJ, VS Code, UNIX
- **Cloud:** Google Cloud, AWS
- **Database:** MySQL, MongoDB, Neo4j, GraphX
- **Testing Framework:** Appium

## EDUCATION

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- MSc in Computer Science | GPA: 3.80** 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

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- 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

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- 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, created 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**

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- **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 learnt programming language (Python) 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**

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### **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**

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- 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**

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- Completed a course where participants advance the UN Sustainable Development Goals
- 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**

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

**References available upon request**