Ayush Suri

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TECHNICAL SKILLS

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

EDUCATION

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

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

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
- Made UI changes in the Android Application, developed new features and made changes to the existing ones depending on customer requirements
- Used Report generation tool to generate reports according to the customer needs which used Airtable APIs

Telyport   Aug 2020 - Nov 2020
iOS Application Developer Intern | Swift, Python   Bangalore, India
- Worked on testing iOS Applications using Appium and also developed new features using Swift (Xcode) for the growth of the application
- Regularly fixed bugs 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

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

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

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

Independent Courseworks

- Machine Learning (offered by Oracle Academy)
- iOS 13 App Development (offered by Udemy)
- Introduction to Programming Using Python (offered by NIIT)
- How to DJ for Beginners (offered by Udemy)

Accolades and Activities

- Volunteered with "ETC", an NGO for specially-abled children, taught them Mathematics and Science
- Was 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

References available upon request