N. VIJAY

Male, Indian, 22 years
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PERSONAL DETAILS

- Father's Name   : G.Natarajan
- Date of Birth   : 31st August 1997
- Languages Known   : English, Tamil

EDUCATION

B.Tech(CSE)	2019	National Institute of Technology ,Tiruchirappalli.	**7.12/10**
Class XII (TN Board)	2015	Rajan Matric Higher Secondary School,Madurai.	**92.5%**
Class X (TN Board)	2013	Rajan Matric Higher Secondary School,Madurai.	**96%**

CURRENT COMPANY- VISA INC   (JULY 2019-PRESENT)

- Working as **Software Developer** as part of **Visa's Data Product Development (DPD) team**, working towards building a new generation of products using cutting edge technologies to facilitate commerce in everyone's digital lives.
- At DPD, we are focused on creating smarter payment solutions that provide fast, easier ways to pay with phone, web and other digital devices wherever you are, remote or proximity payment.
- My Major area of work will be in IOS Application Development , Android Application Development and Java.

PROJECT WORK/ INTERNSHIP

- **Cache Memory Access - Optimized Energy Consumption   (July 2018- May 2019)**
  Estimated performance of Basic LRU and Pseudo LRU replacement policies in last level caches under certain predefined parameters.
  Put Forward a new replacement algorithm to optimise the utilization of dynamic energy by 1.76%

- **Winter Internship at Influx Interactive, Internet Marketing Service, Chennai**
  (Nov 2018 - Jan 2019)
  Worked as IOS App Developer in high level scalable application along with payment module for both iPhones and iPad and Deployed in application successfully.

- **Summer Project** under the guidance of **Ms. Shameedha Begum**, Assistant professor, NIT Trichy   **(May-June 2018)**
  Worked in a project which involves Machine Learning using TensorFlow and building a Android app which will detect object in real time thereby helping blind people.

- **Summer Internship** at **My Closet, an E-Closet Startup, Hyderabad**
  (May-July 2017)
  Worked as an IOS App Developer intern in My Closet, a Start-up. Internship involved building an IOS app for iPhones and iPad which is fully functionalized with Realm ,a modern Local Database which is much faster than SQL. Mixpanal and Crashlytics has been added strong firm to the app.

- **SportFete App Development, SPIDER R&D Club(Programmer's club of NIT-Trichy)**
  (Dec-Mar 2017)
  Worked as Software Designer and IOS App Developer in **SportsFete'17**, (The Inter-Departmental Sport Festival of NIT-TRICHY). Main feature of this app is Live comment using Google Firebase.

- **Winter Internship at MatchBox, an E-Closet Startup, Hyderabad**
  (Nov-Dec 2016)
  Worked as an IOS App Developer under a project that involved supporting Main IOS app along with implementation of **Amazon Web Service** and **Microsoft Azure.** Finding Colour Percentage of Image was the major achievement in that Intern.

- **Winter Internship at Influx Worldwide, Internet Marketing Service, Chennai**
  (Jan-Feb 2016)
  Worked as an IOS App Developer Intern involving building an IOS App scalable for large users with payment gateway for iPhones and iPad for a client **Palam Silks and Jazz Cinemas .**This app is currently available in App store.

SOFTWARE SKILL SET

- Languages : Swift, Java, C , C++, HTML , Obj-C
- Operating System : Mac , Windows XP , Ubuntu ,Android , IOS
- Packages : XCode ,Android Studio ,Eclipse
- Online Cloud Service : Amazon Web Services
- Database : Realm(Local DB)
- Professional Experience : Native IOS Application Development using Swift Language.

POSITIONS OF RESPONSIBILITY:

- **General Secretary** of **Vortex'18,** National level Technical Symposium of CSE Department of NIT Trichy and **CSEA**-The Association of Department of Computer Science and Engineering of NIT Trichy.
- **Senior IOS App Developer** in **Spider Research & Development Club** of National Institute of Technology-Tiruchirapalli.
- **Coordinator** of Organising Committee, Publicity team and Public Relation and Hospitality team of **Vortex'17,** National level Technical Symposium of CSE Department of NIT Trichy.
- **Coordinator** of PixelBug team, Photography club of NIT Trichy in **Festember'16** , a National Level annual cultural festival of NIT Trichy.
- **NSS Ex-Com(CSE)** of **NSS team**, NIT Trichy organised events for school children from nearby localities.
- **Former School Pupil Leader,Rajan matriculation higher secondary school, Madurai** (2014-2015)