

# Abinav Nithya Seelan

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## OBJECTIVE

To succeed in an environment of growth and excellence which will provide me with opportunities for self-development as well as to achieve personal, as well as organisational goals.

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## EDUCATION

Course	Board/University	Percentage	Year
B.E Computer Science	PES Institute of Technology(PESIT) Bangalore South Campus,	<b>66.78%</b>	Ongoing
12th Standard (CBSE)	National Public School, HSR Layout, Bangalore	<b>85.6%</b>	2012
10th Standard (CBSE)	National Public School, HSR Layout, Bangalore	<b>10 CGPA</b>	2010

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## PROJECTS

- Working on designing an algorithm to automatically tag news articles from across the web with a certain sentiment with high precision using Twitter API, data mining techniques and reverse searching algorithms.

**Duration:** November 2014 - Present

**Mentor/Project Lead:** Dr. Snehanshu Saha

- **sh@PES** (Student Hub @ PES). Creating a unified platform for students to follow club activities on campus, maintain and access class presentations and write articles.

**Duration:** December 2013 – April 2014

**Mentor:** Dr. Snehanshu Saha

- **Procedural Terrain Generator Toolkit.** The toolkit can be used to create a terrain based on a specified heightmap of a landscape. Also, the terrain can be extrapolated using procedural terrain generation algorithms.

**Duration:** February 2015 - Present

**Mentor/Project Lead:** Mrs. Sarasvathi

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## EXPERIENCE

- **Founder - VanillaLabs India, Bangalore ([www.vanillalabs.me](http://www.vanillalabs.me))**

**Description:** VanillaLabs is a web design startup that aims to cater to the modern world's designing needs and demands. VanillaLabs aims to provide clients with websites, logos, etc that would enhance their image to the general public, get more customers and help them feel more at home with our clients.

**Duration:** December 2014 - Present

- **Intern R&D - Dhashan Energy Solutions Pvt Ltd, Bangalore**

**Description:** Creating an online framework for consumers to be able to create IoT networks using ladder diagrams on a web interface and for them to be able to directly deploy the ladder programs to the IoT server (in this case a BeagleBoneBlack).

**Duration:** December 2014 - Present

**Languages/framework used:** AngularJS, php, HTML5, CSS3, C++

- **Intern R&D - Malar Electronics, Chennai**

**Description:** Helped on a project that involved using a Raspberry Pi to detect the stress levels of a person by analyzing the person's speech

**Duration:** June 2014 - August 2014

- **Intern - Smashing Pixels India, Bangalore**

**Description:** Helped create the website for 'A Travel Duet Pvt Ltd', a honeymooning company based in Kolkata.

**Duration:** January 2014 - March 2014

**Languages/framework used:** HTML5, CSS3, Javascript(JQuery)

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## ACHIEVEMENTS AND LEADERSHIP SKILLS

- Secured **First Class With Distinction** in 2nd Semester. Secured **First Class** in 1st,3rd,4th and 5th Semesters.
- **Head Of Department Of Graphics And Gaming**, Pesitsouth ACM Chapter, for the academic year 2014-2015.
- **Core Committee Member** of **TEDxPESITBSC v1,v2 and v3**. Handled the Design&Tech department and oversaw a team of 5 students.
- **Core Committee Member** of **inGenius 2013, 2014**. Worked with the ACM chapter President in the Design&Tech department.
- **Core Committee Member** of **Maaya 2013**, PESITBSC's annual fest. Handled the entire Stage&Sound department and led a team of 9 members. Responsibilities included organising all main stage events, setting up the stage and getting the sound gear.
- **Core Member** of **thePursuit**, PESITBSC's bi-annual Online Treasure Hunt. Helped organise, publicize and run the event smoothly which garnered 170 participants.
- Was **House Captain(2010-11)** and **House Vice Captain(2009-2010)** of the Pioneer's House. Won the House Cup Championship in both years.

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## SKILL SET

**Core Subjects Studied:** Database Management Systems, Algorithms, object oriented programming concepts, Operating Systems, Data Structures, Unix Shell and System Programming, Computer Networks, Pattern Recognition.

**Languages Familiar With:** C/C++ , Javascript, Python, Shell Programming, PHP, MySQL, HTML/CSS

**Tools And Frameworks Familiar With:** AngularJS, Tweepy, PyOpenGL, OpenCV, Bootstrap, Git(Sourcetree), Wordpress.

Well versed in **Adobe Photoshop, Illustrator** and have a sense of design. Having done some small animations using **Adobe After Effects**. Learning game design on **Unity3D** and **Blender**

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## INTERESTS

- Puzzle enthusiast. Participating in Online Treasure Hunts such as [Klueless](#) (hosted by IIM)
- Mental training on [Elevate](#) and [Lumosity](#).
- Avid fan of football.
- Bassist for the band '**Exceptions To The Rule**'.
- Game Designing.

- Gadget News and Technology in general.
- Passionate Chef.

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## PERSONAL DETAILS

**Father's Name :** Thangavel Dhanaseelan

**Date Of Birth:** 23<sup>rd</sup> September, 1994

**Languages:** English(Fluent), Tamil, French(Intermediate), Kannada, Hindi

**Nationality:** Indian

**Address:** L-124, 4<sup>th</sup> Main, 14<sup>th</sup> Cross, HSR Layout, Sector-6, Bangalore, Karnataka - 560102

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## DECLARATION

I hereby declare that the information provided by me is true to the best of my knowledge and belief.

**Place:** Bangalore

**Name:**

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