



## Objective

To be part of a company in which I can utilize my skills and gain further experience while enhancing the company's productivity and reputation.

## Education

Education/Qualification	Board/University	Institute	CGPA / % Obtained	Year Of passing
B.Tech (ECE)	VIT University	Vellore Institute Of Technology, Vellore	8.46	2017
Senior Secondary School	CBSE	Lovely Public Sr. Sec. School	87.4%	2012
Secondary School	CBSE	Lovely Public Sr. Sec. School	9.2	2010

## Experience

### Internship:

#### **Temenos India Private Ltd.**

IBC Knowledge Park, Block D, 3rd Floor, 4/1, Bannerghatta Road, Bengaluru, Karnataka

**Designation:** Software Engineer

**Duration:** Ongoing (Since 13<sup>th</sup> Jan 2017)

#### **Lamhas Satellite Services Ltd.**

16-A, Uday Plaza, Uday Park, Delhi-110049

**Designation:** Intern

**Duration:** 29 Days (1<sup>st</sup> Dec – 29<sup>th</sup> Dec 2015)

## Skills

Core Java  
Matlab  
HTML, CSS, Php, Javascript, JQuery, MySQL  
C, C++, Linux shell programming Language  
HFSS, AWR Studio, Multisim  
Verilog, 8051  $\mu$ C programming Language



## Languages

Hindi  
English



## Projects

### Major Projects:

- Designing of Isolated spoken word recognition program using MATLAB [Completed]
- Designing of spoken word similarity program using MATLAB [Completed]
- Digital resume (<https://orezl.github.io/>) [Completed]

- Java Applications: 1) Games : a) Snake [Completed]  
b) Brick breaker [Completed]  
c) Tic tac toe [Completed]  
d) Flappy copter [Completed]  
e) Snake n Ladder [Completed]  
2) Analog clock [Completed]  
3) Video player [Completed]  
4) Paint tool [Completed]  
5) Text editor [Completed]
- Realization of Analog Low pass Filters( Butterworth and Chebyshev) using MATLAB [without using in-built functions] [Completed]
- QPSK, pi/4 QPSK, OQPSK Modulation and Demodulation using MATLAB (without using in-built functions) [Completed]
- Simulation of Bow-Tie Antenna using CST Studio [Completed]
- Implementation of 2 Antenna Array Static Beam Steering Front-Ends at 2.4 GHz using HFSS [Completed]

#### **Mini Projects (Calculators using):**

- JavaFX [Completed]
- MATLAB [Completed]
- JavaScript [Completed]

### **Co-Curricular Activities**

- \* Attended a robotics workshop conducted by ISTE.
- \* I was a member of technical team of Hindi Literary Association- VIT and organized various events conducted by the student club.
- \* Attended TUC organized by IETE.

### **Achievements**

#### **HackerRank:**

Algorithms: 4707	SQL: 2558
Data Structures: 9537	Linux Shell: 561
JAVA: 3688	Regex: 3972

### **Personal Details**

Date of Birth: 29<sup>th</sup> October, 1994

Gender: Male

Nationality: Indian

Father's Name: Ashok Khanna