

# Pugazhendi S

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[pugazhendi98.github.io](https://pugazhendi98.github.io)

## Education

- **B.E-Computer Science and Engineering | 2016-2020**
  - CGPA - 7.0 | Anna University
  - Institute of Road and Transport Technology, Erode.
- **HSC | 2016**
  - Marks - 92% | State Board
  - Sishya Matric hr.sec.school, Thiruvannamalai.
- **SSC | 2014**
  - CGPA - 8.2 | CBSE
  - Kendriya Vidyalaya, Thiruvannamalai.

## Skill Set

- **Programming Languages and Frameworks**
  - C, C++, Core JAVA, Python, Express JS, Solidity.
- **Database**
  - MySQL, Mongo DB.
- **Web**
  - HTML 5, CSS 3, Bootstrap, JavaScript, jQuery, React JS.
- **Technologies**
  - Android, Blockchain (Ethereum), IOT (Raspberry PI), Image Processing.
- **Tools & Libraries**
  - Netbeans, Android Studio, Node JS, OpenCV, MySQL Workbench, Git.

## Strengths

- Quick learner
- In-Depth Analysis of given problem statements.
- Highly passionate towards learning and working with new technologies.
- Adaptive and flexible to the environment and work.
- Creativity.

## Online Certifications

- **Modern Application Development** - NPTEL.
- **Blockchain Architecture and Use Cases** - NPTEL.
- **Ethereum and Solidity: The Complete Developer's Guide** - Udemy.
- **Python Core and Advanced** - Udemy.
- **Master Ethereum & Solidity Programming: Build Real-World Apps** - Udemy.
- **Front End Web Development** - Udemy

## Linguistic Abilities

- Tamil
- English
- Hindi

## Achievements

- Won **1<sup>st</sup>** prize in **Project expo** at IRTT, erode.
- Won **2<sup>nd</sup>** prize in **24 hours coding contest in C** in Hackerrank at IRTT, erode.
- Won **2<sup>nd</sup>** prize in **Coding and Debugging** conducted at IRTT, erode.
- Won **2<sup>nd</sup>** prize in **Technical quiz** at Sasurie engineering college, erode.
- Won **2<sup>nd</sup>** prize in **Adzap** conducted by LADA association at IRTT, erode.

## Hobbies & Interests

- **Photography** to freeze time.
- **Origami** for concentration.
- **Painting** for creative thinking.
- **Chess** for problem solving.

## Projects

## Technology Stack

### 1. Two player Snake game in C++

The Two player Snake Game was developed in C++ language using graphics, in which two players can play the snake game simultaneously

### 2. Retail Stock Maintenance system in JAVA

Stock Maintenance system for a retail store, in which JFrame is used as Frontend UI and MySQL database as Backend to keep track of records.

### 3. Digital Attendance Register using Face Recognition in Python

The Digital Attendance Register was developed in Python which uses face recognition, which uses trained data and records the respective person's name, time of entry in the database.

### 4. Smart CCTV system in Python

The smart CCTV system was developed in Python with OpenCV uses motion detection, which detects movements and alerts the owner through a message or call.

### 5. Digital Identity Management System using Blockchain and Android

Digital Identity Management System was developed to eradicate the problems in the existing identity management. The blockchain platform used in this project is ETHEREUM.

### 6. Web-Portfolio

The Web-Portfolio was developed using frontend web development technologies. It is hosted on github-pages.

### 7. Two Player Chess game in JAVA

The chess game is a console game developed in JAVA using OOPS concepts. The game is designed for beginners with basic moves and undo option.

C++ Graphics

Java JFrame  
SQL

Python  
OpenCV  
SQL

Python  
OpenCV  
Way2SMS

Android  
Blockchain(Ethereum)  
NodeJS  
Mongo DB

HTML 5  
CSS 3  
Bootstrap  
jQuery

JAVA  
OOPS