

Arjun. A

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Objective

Seeking a dynamic, challenging opportunity in your organization that contributes to maximize my potential and expand my acquired knowledge to best use. I'm flexible, quick to pick up new skills and eager to learn from others.

Personal Data

Place and Date of Birth: Ballari, Karnataka | 07 09 2000

Nationality: Indian

Address: Door no. 35, Ward no. 6, Mruthunjaya nagar,
Ballari, Karnataka-583101

Phone: +91 9972581970

Email: arjunhskec@gmail.com

LinkedIn: linkedin.com/in/arjun-ambekar-9aaa5a171

Education

PURSUING Doctor of Philosophy

Electrical, Electronics and Communication Engineering
Indian Institute of Technology, Dharwad

NOV 2025 Master of Technology

VLSI Design and Embedded Systems
Dept. of Electronics and Communication Engineering
Rao Bahadur Y. Mahabaleshwarappa Engineering College, Ballari
VTU, AICTE, UGC, NBA
CGPA:

JUL 2022 Bachelor of Engineering

Electronics and Communication Engineering
SDM College of Engineering Technology, Dharwad
VTU (Autonomous), AICTE, UGC, NBA
CGPA: 7.75

AUG 2019 Diploma

Electronics and Communication Engineering
Hanagal Sri Kumareswara Polytechnic, Ballari
Board of Technical Education, Karnataka
AGGREGATE: 72

MAY 2016 SSLC

Setra Gurushathappa Comp Pre University College, Ballari
State Board of Secondary Education, Karnataka
PERCENTAGE: 56.48

Skills

Programming Language: Basics of C, C++

Network Protocols: TCP/IP, UDP

Software: Matlab / Simulink

Scripting Tools: MS office
Operating Systems: Windows XP/7/8/8.1/10, Android

Work and Internship

Paper 1: An Image Processing for Plant Disease Detection Using Heatmaps

Paper 2: Advanced SMS System for Blind People Using Braille Pad

Paper 3: Design And Analysis of Low Noise Amplifier Using Source Inductor Degenerative Topology

Project 1: Smart Street Lights and Movable Divider

IOT System with Controller Arduino UNO (ATmega328) – Platform: C, Arduino IDE

Project 2: Android Controlled Semi Auto Floor Cleaner

Compact robot on Microcontroller (8051) with Android app – Platform: Embedded C, Keil µVision, MIT App Inventor

Project 3: Smart System for Early Identification of Diseases & Pests in Crop

Trained Neural Network Model Using CNN and with Image Processing Algorithm – Platform: Python, Google Colab

Internship 1: Intern at Live Wire and Trainee on Topic Programmable Logic Controller (PLC) & Supervisory control and data acquisition (SCADA) - 2019

Internship 2: Intern at Haegl Technologies, SDM Startup on AI & CNN - 2022

Internship 3: Intern at Haegl Technologies, Hubbali on Circuit Design & Simulation in Cadence Virtuoso - 2024

Accolades and Attainments

Technical

- **Competed at National Level Project Exhibition, PDIT Hospet – 2019**
- **Presented at Sandur Polytechnic on LiFi & GiFi, Yeshwanthpur – 2016, 2019**
- **Workshop at Fire Station, Ballari**
- Organizing Committee and Participant at **IEEE Virtual National Level Project Idea Presentation** on Current trends - 2021
- **Student Vice Chair & Student Member of IEEE, Information Theory Society (ITS) Chapter**
- Completed **NPTEL Course** in System Design Through Verilog, **IIT Guwahati**
- Completed **NPTEL Course** in Sensor Technologies, Physics, Fabrication and Circuits, **IISER Bhopal**
- Completed **FDP** on “Emerging VLSI and Antenna Technologies for Secure Communication in Defense Systems and Enhanced Radiation Protection in Space Environments”.
- Completed **FDP** on “Digital Hardware Engineering with FPGA”

Non - Technical

- **NCC A Certificate** in JD Army Division & Leader at NCC
- Completed 10 Days **NCC Tal Sanik Camp (TSC)**
- Active Member of **Humane World for Animals** (Animal Rescue and Conservation)
- Member of **National Service Scheme (NSS)**

Languages

English:	Fluent
Kannada:	Fluent
Hindi:	Fluent
Telugu:	Fluent
Marathi:	Mother Tongue

Interests and Activities

Music, Cooking, Amazing facts, Foot Ball, Shuttle cock.

Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge

Date:

Arjun A