

Prasheel Nandwana

Bengaluru, Karnataka
prasheel.in | prasheelnandwana3@gmail.com

EDUCATION

PES UNIVERSITY

BE IN ELECTRONICS AND
COMMUNICATION ENGINEERING
July 2020 | Bangalore, Karnataka

DAV PUBLIC SCHOOL

HIGHER SENIOR SECONDARY
May 2016 | Kota, Rajasthan

SKILLS

PROGRAMMING

Java ██████████
C++ ████████
JS ██████████

Familiar:

Matlab • C • Java 8 • Python • Android •
Javascript • MySQL • ReactJS • GIT •
Docker and Kubernetes

AWARDS

2017	1 st /120	SAE India
2017	1 st /50	SAE Bangalore
2019	top 10/120	Kludge 2K19
2021	3* Coder	Codechef

VOLUNTEERING

2017-Kludge | Food and Admin Team
2017-IEEE-ICACCI | Logistics and
transport team
2019 Maaya | Make it EC Organiser

COURSEWORK

Data Structures and Algorithms
Object-oriented programming and design
Database Management System
Operating Systems
Web development
Machine Learning
Unix Tools

EXPERIENCE

ATTRA | SOFTWARE ENGINEER

Sep 2020 – Current | Bengaluru, Karnataka

- Currently working at Attra as a Software Engineer. I work in cards and payments domain.
- My work involves working with my client ACI to develop the enhancements in their core banking product and migrate their Legacy system to Java, so I switch between Cobol and Java back and forth.

SOFTTEKS GATEWAY | FRONT-END DEVELOPER

Aug 2020 – Sep 2020 | Bengaluru, Karnataka

- I designed and developed websites with Angular as a core technology.
- Learned the customer side of the business.

UPSKOPE | PROJECT INTERN

Jan 2020 – Feb 2020 | Bengaluru, Karnataka

- Worked on various web technologies like NodeJS, React, GraphQL and learned and understood the flow of a website.
- Implemented a Sentiment analysis web-app to judge the feedback based on the words used.

PROJECTS

WEB PORTFOLIO

Nov 2020 - Jan 2021

Designed and developed my personal portfolio with **Angular Framework** with pure HTML, CSS & JavaScript and deployed it using AWS on **www.prasheel.in**. It was a great experience to design the website. I also integrated **formspring** API and a **custom loader**.

LOW POWER 6T-SRAM USING FINFET FOR AI CHIPS | FINAL YEAR PROJECT

Oct 2019 – Aug 2020

Designed a low power full working memory (Read and Write) SRAM with 18nm Fin-FET using **56 ps delay** and **658.58 uW Peak Power** while simulation on **Cadence Virtuoso**.

PATH DETECTING WIRELESS LANDMINE DETECTOR | KLUDGE 2K19

March 2020

Designed and Implemented a working model of Path detecting robot that takes top view images of the area and guides the robot to a given destination in real-time using **A-star** and wireless mine detector with video streaming and GPS tracker using **Raspberry PI using Python** that helped us to make an UGV with a range of **600 meters** with wifi booster and A-star Algorithm that helped us to **reduce the time taken to determine the shortest path** compared to other computation methods.

PUBLICATIONS

[1] **Origami in Aeronautics** by Prasheel Nandwana, Yash Murthy and Shreyank P. Jois