

Prasheel Nandwana

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EDUCATION

PES UNIVERSITY

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

DAV PUBLIC SCHOOL

HIGHER SENIOR SECONDARY
May 2016 | Kota, Rajasthan

LINKS

Github:// [itsPrasheel](#)
LinkedIn:// [its-prasheel](#)
YouTube:// [Prasheel Nandwana](#)
Twitter:// [@its_Prasheel](#)
Quora:// [Prasheel-Nandwana](#)

COURSEWORK

Data Structures and Algorithms
Database Management System
Operating Systems
Web development
Machine Learning
Unix Tools
Micro-Controllers and 8086

SKILLS

FRONT-END TECHNOLOGIES

- **HTML**- HTML5
- **CSS**- FlexBox, Grid
- **Script**- JavaScript, ReactJS, Angular
- **Add-Ons**- NPM, WebPack, GIT

PROGRAMMING

Over 5000 lines:
Java • C++ • Matlab • \LaTeX
Over 1000 lines:
C • Verilog • Assembly
Familiar:
Python • Android • MySQL

VOLUNTEERING

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

EXPERIENCE

ATTRA | ASSOCIATE ENGINEER

Sep 2020 – Current | Bengaluru, Karnataka

- Currently working at Attra Infotech as a Associate Engineer. My work involves Cards and Payment domain using variety of tech stacks like Shell script and Mainframe.

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

PATH DETECTING WIRELESS LANDMINE DETECTOR | KLUDGE

2K19

March 2020 | Bengaluru, Karnataka

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.

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

Oct 2019 – Aug 2020 | Bengaluru, Karnataka

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**.

JAVASCRIPT IMPLEMENTATION OF PIG GAME

June 2020 | Kota, Rajasthan

Designed and implemented a very popular game in called PIG GAME in Modern javascript and deployed the game on netlify on [this link](#).

AWARDS

2017	1 st /120	SAE Chennai (South region)
2017	1 st /50	SAE Bangalore division
2019	top 10/120	Kludge 2K19

PUBLICATIONS

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