Prasheel Nandwana

Bengaluru, Karnataka
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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

SKILLS

PROGRAMMING

Java
Cpp
JS

Familiar:
Matlab • C • Python • Android • Javascript • MySQL • ReactJS • GIT

AWARDS

2017	1st/120	SAE India
2017	1st/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

EXPERIENCE

ATTRA | Software Engineer
Sep 2020 – Current | Bengaluru, Karnakaka

- 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 there 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, Karnakaka

- 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 an deployed it using AWS on **www.prasheel.in**
It was a great experience to design the website. I also integrated **formspree** 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