




PIYUSH NANWANI

PROJECT ENGINEER

CONTACT ME AT

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SKILLS SUMMARY

●●●● Software Development

●●●● Embedded Systems


●●●● UI development


●●●● Testing

●●●● Website Development

●●●● Communication Skills

AWARDS RECEIVED

 School Physical Education
Topper in 12th

 Awarded Computer Wizard title
3 times in school

 Editorial Vice Captain and Peer
Educator in school

PERSONAL PROFILE

I am a Project Engineer with holistic knowledge of software and embedded systems development. I am also experienced in coordinating with stakeholders.

WORK EXPERIENCE

Software and Hardware Development

Freelance Projects, New Delhi | Aug 2020 - present

- Designed, developed and implemented web and android applications based on analyzed requirements and understanding of industry technical standards.
- **Technology & Projects Details:** Different platforms and tools were chosen after analyzing the problem statements, possible solutions, complexity and other factors. Details are given below:

A. **Website Development:** HTML, CSS, JavaScript, React JS, Gatsby, NodeJS, Git, Netlify, GitHub Pages, Bootstrap Studio

Projects:

1) Company website for Morris N Company

link: <http://www.morrisncompany.com>

code:

<https://github.com/morrisjames/morrisjames.github.io>

2) Portfolio website for Dream Monks

link: <https://www.dreammonks.com/>

B. **App Development:** React Native, expo, MongoDB, Heroku, AWS S3

Projects:

1) Music Streaming Android App developed & published on Google Play Store

link:

<https://play.google.com/store/apps/details?id=com.aplive>

TECH STACK

- HTML&CSS
- React JS
- JavaScript
- React Native
- Linux
- Data Structures
- Python
- C++
- C
- C#
- SQL
- Git
- MongoDB
- NodeJS

CERTIFICATIONS

- 📖 Competitive Programming Course in C++(Jan 2019)
- 📖 Big Data & Data Science Course (May 2018)
- 📖 Data Structures & Algorithms Course in C++(Jun 2017)

WORK EXPERIENCE CONTINUED

2) Smart Home App

- App to control ESP32 Wi-Fi module.
- This App was made using React Native.
- Other details of this project are mentioned in Embedded Systems projects section.

C. Embedded Systems: Arduino, MQTT setup using Adafruit IO, ESP32 programming using Micro Python .

Projects:

1) Smart home solution prototype

- Complete prototype was implemented from scratch.
- React Native App was developed with one click Google Sign In for authentication. Backend of API was developed in NodeJS and deployed on Heroku. MongoDB Atlas was used for database
- Connect with your IOT device(ESP32) and control it remotely via internet using developed app.

2) Measuring temperature using DHT server

3) LED control using Web server on ESP32

Software Developer Intern

Nirvana Solutions, New Delhi | Jan 2020 - Jul 2020

- Worked on .NET Framework and SQL Server.
- Added new features to software according to client's requirements and fixed existing bugs.
- Received 2 months training on .NET framework, C#, SQL Server, Finance and stock markets, QA and testing using Cypress, JIRA

Computer Science Subject Expert (Part time)

Chegg, Inc., Remote | Jan 2019 - Present

- Chegg, Inc., is an American education technology company based in Santa Clara, California. It provides various services to student one of which is asking questions from experts to clear their doubts and get help in assignments
- My role includes solving the queries in given time. These include writing and explain code based on problem statement and sometimes explaining concepts.

INTERESTS

Reading

Basketball

Table Tennis

Workout

Conducting website development and other tech workshops for relatives (both young and elder)

Data Science Instructor

The Indian School, New Delhi | Aug 2019

- Conducted a one day workshop on Introduction to Data Science for the 11th and 12th computer science students

Software Developer Intern

Academy of Embedded Technology Pvt Ltd, New Delhi | Aug 2019 - May 2019

- Made a web based platform using which users can connect ,manage and control their IOT (Internet Of Things) sensors. Django, along with HTML, CSS and JavaScript was used for the same.
- Also worked on projects involving Python's GUI : Kivy and Tkinter.

EDUCATIONAL HISTORY

B. Tech: Computer Science

Dr. Akhilesh Das Gupta Institute Of Technology & M - New Delhi | Jul 2016 - Jul 2020

- Graduated with 80.79%
- Mini project: Healthcare systems in India: Data Analysis
- Minor project: Twitter Sentiment Analysis using Python
- Major project: Social Network Analysis

10+2

The Indian School ,New Delhi | Apr 2015 - Jul 2016

- Scored 89.4%

10th

The Indian School ,New Delhi | Apr 2013 - Jul 2014

- Scored 81.7%