

# PUSHPITHA GEEGANAGE

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🌐 <https://github.com/Pushpitha17>

🌐 [pushpitha-geeganage](https://www.pushpitha.fyi)

Software Developer

[www.pushpitha.fyi](https://www.pushpitha.fyi)

## PROFILE

I am a self-taught programmer with over three years of hands-on coding experience. I have applied my passion for programming in a professional role as a junior software developer. And I've build engaging projects for academics , volunteering and freelancing. They are detailed on my portfolio at [pushpitha.fyi](https://www.pushpitha.fyi)

I am seeking an opportunity to work as a software engineer on inspiring projects where i can contribute impactfully and understand how great software products are crafted.

## EDUCATION

### B.Sc. in Materials Science and Engineering

University of Moratuwa

CGPA : 3.6 / 4.2

Jan, 2020 - Ongoing

### GCE A/L 2018 - Maths Stream

Nalanda College, Colombo 10

Physics - A , Chemistry - A, Maths - A

## SKILLS

Full Stack Web Development

Data Analysis and Visualization

CI/CD and DevOps Practices

Collaboration

Self Learning

Troubleshooting

## INTERESTS

Software Engineering

Data Science

Industrial Engineering

Economics and Finance

Cricket and Esports

## TECHNOLOGIES

**Languages :** JavaScript, Typescript, Python

**Front End Development :** React , NextJs, Redux, Tailwind Css, Material UI

**Back End Development :** NodeJs, ExpressJS, Flask, Sql and Nosql Databases , ORMs

**Services :** Google Cloud , Firebase , Edge functions

**Tools :** Git, Jupyter Notebooks, Docker, Figma , Postman

## EXPERIENCE

### Future Fibres Lanka (Pvt) Limited

Jan 2023 - Jun 2023

### Materials Engineer Intern

- Research and Development of production processes
- Technical Reporting

### Frontier Research (Pvt) Limited

Dec 2020 - Dec 2022

### Junior Software Developer

- Building Software tools for Clients use and internal Efficiencies
- Maintaining and Troubleshooting all Tech related aspects

## PROJECTS

### Content Hosting Platform

- The platform was built to serve Posts , Reports and Videos based on User subscription status.
- Built Using React , Material Ui, Firebase , NodeJs, Postgresql and Deployed on Google Cloud Service.
- Contributed to Planning, Building , deployment and maintaining the Application for 2 years.

### Purchase Order Management System

- The Platform is built to Make , Approve and Track Purchase orders of Hotel Supplies using role based authentication.
- Uses MERN stack with Typescript , Redux Toolkit, React Hook form and Tanstack table has features such as logging and Pdf generation

### Data Processing and Numerical Computations

- Processing of Data from experimental Instruments to extract scientific information
- Used Python, Jupyter Notebooks , Scipy , Numpy , Pandas
- Used React and Flask to Build User Friendly applications

## NON-RELATED REFERENCES

### Thanuri Thalagala

Cheif Operating Officer ,  
Frontier Research (Pvt) Ltd.  
[thanuri@frontiergroup.info](mailto:thanuri@frontiergroup.info)

### Gavindu De Silva

Former Process Engineer,  
Future Fibres Lanka (Pvt) Ltd.  
[Gavindusilva@msn.com](mailto:Gavindusilva@msn.com)