

# Prajwal S Nayak

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## EDUCATION

**MANIPAL UNIVERSITY**  
**BTECH IN COMPUTER SCIENCE**  
Aug 2019 | Manipal, India  
Manipal Institute of Technology  
Engineering  
Cum. GPA: 8.68 / 10  
Major GPA: 9 / 10

**MGM PU COLLEGE**  
May 2015 | Udupi, India  
Physics, Chemistry, Mathematics  
Percentage: 95, Distinction  
98 Percentile in K-CET

## LINKS

Portfolio:// [prajwalnayak7.github.io](https://prajwalnayak7.github.io)  
LinkedIn:// [/in/psn](https://in/psn)  
Github:// [prajwalnayak7](https://prajwalnayak7)  
Skype:// [prajwalnayak7](https://prajwalnayak7)  
Twitter:// [@prajsn7](https://@prajsn7)

## COURSEWORK

### UNDERGRADUATE

Algorithms and Data Structures  
Operating Systems  
Machine Learning  
Database Management Systems  
Distributed Systems  
(Minor Specialization)  
Big Data Technologies

## SKILLS

### PROGRAMMING

Over 3000 lines:

Python • Django • Git

Over 1000 lines:

Docker • Java • PostgreSQL • Shell

Familiar:

Elasticsearch • C • Redis

• Celery • ReactJS • AWS S3

### SOFT SKILLS

EQ • Trustworthy • Self-motivated  
Effective communicator • Humble  
Work across teams • Leadership

## EXPERIENCE

### CYWARE LABS | SOFTWARE ENGINEER

Sept 2020 - Present | Bangalore, IN

- Improved developer efficiency by automating static checks via pre-commit script.
- Created schema and system design documentation for the CFTR product.
- Established better python package management using pip-tools utility.

### INSTAMOJO | SOFTWARE ENGINEER

Jan 2019 - Aug 2020 | Bangalore, IN

- One among the 7 out of 240 students chosen for co-op.
- Worked across teams and deployed Restful API's for Enterprise customers within first four weeks of internship.
- Shipped profile QR based UPI mode of digital payments.
- Built priority based payment routing mechanism, potentially saving about 2500 USD per month for the company.
- Released the Whats-app based communication product for receiving payouts instantly.

### INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY | SUMMER

FELLOW - OPEN SOURCE DEVELOPER

May 2018 - July 2019 | Mumbai, IN

- Fellowship for contributing to open source software Sci-lab.
- Released a windows compatible version.
- Upgraded libraries and fixed critical bugs in FOSSEE Optimization Toolbox.

### IAESTE | EXCHANGE STUDENT - AFRICA

May 2017 - July 2017 | Tanzania

- Gained technical and diverse cultural experience, worked towards social inclusion of people with disabilities in technology.
- Developed a web prototype for visually impaired students in ICT at the Open University of Tanzania, Tanzania.
- Created the world's first open-access ICT sign language database for the deaf and a website for the same in collaboration with the Assistive Technology Unit.

## RESEARCH

### CSE DEPARTMENT, MIT MANIPAL | STUDENT RESEARCHER

September 2018 - November 2018 | Manipal, IN

Trained a novel model for the prediction of length of stay of ICU patients with myocardial infarction. Presented the work at **Manipal Research Colloquium 2018** and **Philips Innovation Campus, Bangalore**

## AWARDS

2018	National	Philips Data Science Hackathon Finalist
2015	Merit-cum-means	MAHE-SAGES Undergraduate Scholarship
2015	Community	World Konkani Center Merit Scholarship
2012	1 <sup>st</sup>	Fun With Coding, MGM