

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
LinkedIn:// [/in/psn](https://in/psn)
Github:// prajwalnayak7
Skype:// prajwalnayak7
Twitter:// @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

- Architect-ed application caching resulting in about 2x faster API performance.
- Priority queues for celery tasks and database connection pooling. Code quality via pre-commit script, type hinting, pip-tools and static checks.
- 70% faster Docker based local development server using delegated consistency.
- Revamped notifications to be make it robust and reduced the code size by about 50%.

INSTAMOJO | SOFTWARE ENGINEER

Jan 2019 - Aug 2020 | Bangalore, IN

- One among the 7 out of 240 students chosen for co-op.
- 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 WhatsApp based instant loans feature for MSMEs.

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.
- Upgraded libraries and Released a windows compatible version 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 st	Fun With Coding, MGM