

MRINAL PANDEY

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[LinkedIn](#) | [GitHub](#)

Enthusiastic Computer Science engineer and programmer. Passionate about learning, teaching and delivering commitments on time.

EDUCATION

JULY 2017 – 2021

B.E. COMPUTER SCIENCE,

PES INSTITUTE OF TECHNOLOGY, BANGALORE

Cum. GPA – 8.5 / 10.0

MAY 2016

INTERMEDIATE COLLEGE,

G. N. NATIONAL PUBLIC SCHOOL, GORAKHPUR

Cum. Percentage – 89.8 %

MAY 2014

MATRICULATE,

LITTLE FLOWER SCHOOL, MAHARAJGANJ

Cum. Percentage – 94 % with a 100 in Computer Science

KEY PROJECTS

TODO TOOL

A bash shell tool to manage daily todo tasks through command line.

[View project](#)

WEB CRAWLER

A minimalistic web crawler written in C using libtidy and libcurl.

[View project](#)

MATHEST API

REST API written in Python using Flask to identify the type of error in basic arithmetic operation and generate questions according to the mistakes made.

[View Project](#)

MATHEST ANDROID APPLICATION

A native Android application to train children in basic arithmetic using Mathest API.

[View project](#)

AIR QUALITY ANALYSIS

Air quality analysis and index prediction using Random Forest regressor

[View Project](#)

ACHIEVEMENTS

- Won inGenius Hackathon 2019
- Finished Top 10 at PanIIT Solve4Bharat Hackathon

COURSES

UNIX and Shell programming | Operating systems | Data Structures and applications | Design and analysis of algorithms | Computer Networks | Database management system

TECHNICAL SKILLS

Primary: C, Java, Python, Linux system administration, REST API, Native Android application development, HTML5, CSS3

Secondary: C++, Shell scripting, x-86 assembly language, Flutter, JavaScript, jQuery, Bootstrap, React.js, Node.js, Express.js, MySQL, MongoDB, EJS, handlebars

Worked with: Git, Perl, GCP, Firebase, Heroku, Flask, Jest, Robotium, Checker framework, Machine Learning

INTERNSHIP

SEPTEMBER 2019 – OCTOBER 2019

SUBJECT MATTER EXPERT, PESU I/O

Taught the course titled “Art of Efficient Programming” to 20+ students in 5 sessions and 3 videos.

Introduction to the course: [Art of Efficient Programming](#)

VOLUNTEERING

MARCH 2018 – PRESENT

CORE TEAM MEMBER, DEVELOPER STUDENT CLUBS BY GOOGLE

Volunteered in organizing talks / workshops and various other events, took a session “Codicon” on good coding practices and programming puzzles.

Codicon repository: [DSC-Codicon](#)

SEPTEMBER 2018 – PRESENT

CO-FOUNDER AND MANAGING DIRECTOR, ONCREATE() – MOBILE COMPUTING FORUM

Taught Android development to 50+ students from scratch in 10+ sessions.

Website: [onCreate\(\)](#)

Forum’s repository: [onCreate\(\) Forum](#)