MRINAL **PANDEY**

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LinkedIn|GitHub|Website

Zealous Geek anticipating to design remarkable software solutions by comprehending, thriving and contributing eight bits of code at a time.

EDUCATION

JULY 2017 – 2021
B.E. COMPUTER SCIENCE,
PES INSTITUTE OF TECHNOLOGY, BANGALORE
CGPA – 8.6 / 10.0
MAY 2016
INTERMEDIATE COLLEGE,
G. N. NATIONAL PUBLIC SCHOOL, GORAKHPUR
89.8 %
MAY 2014
MATRICULATE,
LITTLE FLOWER SCHOOL, MAHARAJGANJ
94 % with a 100 in Computer Science

KEY PROJECTS

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

ESSENTIALS
Android application to handle member registration, events, etc. for a club onCreate() at PESIT BSC / PESU ECC
View Project

TODO TOOL
A bash shell tool to manage daily todo tasks through command line
View project

MY PORTFOLIO
My personal website
View project

AIR QUALITY ANALYSIS
Air quality analysis using Random Forest Regressor
View Project

ACHIEVEMENTS

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

TECHNICAL SKILLS

Primary: C, C++, Java, Python, REST API, Native Android application development, Linux, HTML5, CSS3
Secondary: Shell scripting, Perl, git, x-86 assembly language, Flutter, JavaScript, jQuery, Bootstrap, React.js, Node.js, Express.js, MySQL, MongoDB, EJS, handlebars
Worked with: GCP, Firebase, Heroku, scikit-learn, Flask, Jest, Robotium, Checker framework

ADDITIONAL COURSE

LFD103: A BEGINNER'S GUIDE TO LINUX KERNEL DEVELOPMENT
This course helped me start my journey with Linux Kernel community and the Eudyptula challenge tasks of the kernel.
Contributions to the Linux Kernel
Course Credentials

INTERNSHIP

SEPTEMBER 2019 – OCTOBER 2019
SUBJECT MATTER EXPERT, PESU I/O
Taught a 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, took a session "Codicon" on good coding practices and programming puzzles.
Codicon repository: DSC-Codicon

SEPTEMBER 2018 – PRESENT
CO-FOUNDER,
ONCREATE() – MOBILE COMPUTING FORUM
Taught Android development to 50+ students from scratch in 10+ sessions.
Website: onCreate()
Forum's repository: onCreate() Forum