

Abhishek Mehta

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EDUCATION

SAVITRIBAI PHULE PUNE UNIVERSITY (SPPU)

BTECH IN ELECTRONICS AND TELE-COMMUNICATIONS

June 2021 | Pune, Maharashtra
GH Raison College of Engineering & Management
Cum. GPA: 8.81 / 10.0

LINKS

GitHub : [abhishekmehta@github](https://github.com/abhishekmehta2151g)
LinkedIn : [abhishekmehta@linkedin](https://www.linkedin.com/in/abhishekmehta2151g)
GFG : [abhishekmehta@gfg](https://www.geogebra.org/m/abhishekmehta2151g)

SKILLS

PROGRAMMING

Languages:

- Advance:- Java
- Intermediate:- Python
- Novice:- JavaScript | C

Tools:

- Git • Linux • Windows
- Android Studio • Visual Studio
- Eclipse

Framework & Library:

- Django

Technologies:

- HTML • CSS • SQL
- Android

OTHERS

- Teaching
- Writing

COURSEWORK

UNDERGRADUATE

Data Structures (*Peer Teaching*)
Object Oriented Programming
Operating Systems

MOOC

Java Language (verify)
Data Structures (verify)
Red Hat System Administration

EXPERIENCE

INFOSYS | SYSTEM ENGINEER

Nov 2021 - Present | Pune, Maharashtra

TAIKISHA ENGINEERING INDIA | SOFTWARE ENGINEERING INTERN

Dec 2020 - June 2021 | Pune, Maharashtra

RTLS USING ULTRA WIDE-BAND TECHNOLOGY

- Proposed a solution which led to a **tracking precision of 30cms**
- Led the team of Interns to deliver the prototype of proposed solution
- **Java Development** - Designed and wrote multiple classes required
- **Python Development** - Wrote and reviewed scripts used in automation of data collection and processing

IVISION

- Developed a system to detect various mechanical parts using computer vision with an **accuracy of 98%**
- Created a subsystem to automatically generate QR Codes containing parts info
- **Front-end** - Designed and wrote code for the user interface using **HTML, CSS and JavaScript**
- **Back-end** - Wrote and integrated **Python** code in **Django** to create a fully functioning web application

PROJECTS

NEWTON'S HEIGHT | ANDROID APPLICATION

Oct 2020 - Nov 2020

- A physics based android application which can calculate approximate heights using Newton's Second Law of Motion
- Built using **Java** and **Android Studio**
- **GitHub**

BABEL | ANDROID APPLICATION

Dec 2020

- An app that encrypts and decrypts messages
- Based on popular algorithm **Cesar cipher**
- Built using **Java** and **Android Studio**
- **GitHub**

COMPRESSOR | ALGORITHM

July 2020

- Wrote code to compress a string using **Huffman Coding**
- Language Used : **Java**
- **GitHub**

VOLUNTEER EXPERIENCE

TREASURER | ELITE CLUB GHRCEM

Aug 2019 - May 2021

Managed finance for events and annual fests held by GHRCEM

PEER TEACHING | TEACHING ASSISTANT

Apr 2021 - May 2021