

## Mayuresh Dhakad

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### **Objective:**

A motivated post graduate engineer with in depth knowledge of programming languages and development tools, looking for a role in software engineering.

### **Technical Skills:**

- Core Java and Web Java
- Spring, Hibernate
- Python 3
- MySQL
- NoSQL
- Data structures and Algorithms
- Html, CSS, JavaScript (React)
- Linux and Windows operating systems
- Basic knowledge of Data Science
- Basic knowledge of Dot Net

### **Soft Skills:**

- Good communicator and a strong team player with focus on timely, high-quality delivery.
- Willing to work on challenging projects with persistence, continuous learning & self-discipline.

### **Background & Qualifications:**

After completing Master of Engineering, I worked for 4.5 years in the design & analysis field, where I also got to work on software technologies. Convinced by its wider applications & impact, I decided to pivot my career in that direction. I pursued CDAC in order to upgrade my knowledge as per industry standard.

- **Certified Post Graduate Diploma in Advanced Computing (PGDAC) - March 2022 to Sept 2022**  
Institute – ACTS CDAC, Chennai

C-DAC is a premier R&D and educational organization in IT&E (Information Technologies and Electronics) in the country that provides industry standard training on skillset required to work in the field of software engineering.

During this full-time course, I learned in depth about of software development methodologies, operating systems, core java, web java, data structures and algorithms, MYSQL, front end technologies like HTML, CSS, React. I also worked on following project.

**Project Title:** Training and Placement Cell Management

**Technology Used:** Html, CSS, Bootstrap, Thymeleaf, SpringBoot and MYSQL

#### **Project Description:**

- The goal was to build a website for the training and placement cell to manage all their activities easily, accurately, and effortlessly.
- Frontend was built in Html, CSS and Thymeleaf. Backend was built in Java (Spring Boot) and MySQL.
- It allows to students to fill up and manage their own data and look at placement related notices and company details.
- Students can also apply for jobs directly from portal.

## **Professional Experience:**

### **Internship in Python and data Science**

**April 2022 to Sept 2022**

Institute – Mitu Skillogies, Pune

In parallel to pursuing CDAC, I worked as an intern on a Data Science project that included SQL and Python for data-processing and data visualization.

### **Cummins India Ltd. Pune**

**Nov-2017 – March 2022**

#### **Role- CAE Engineer**

As an **onsite consultant** through 'Analyzer CAE Solutions Pvt. Ltd,' Pune.

Cummins is a leading name in the field of Engine manufacturing companies. I was a part of the EBU team at their Pune premises that focuses on the analysis of various engines used for buses and trucks.

#### **Responsibilities:**

- Interact with customers design engineers. Understand design requirements and prepare inputs review.
- Set scope and objective.
- Perform Finite Element Analysis using Ansys Workbench.
- Python scripting in Ansys for analysis.
- Interpret results & observations and provide necessary design recommendations.
- Prepare status report for stakeholders in presentation format & communicate.

### **Analyzer CAE Solutions Pvt. Ltd. Pune**

**Jun-2017 – Oct-2017**

#### **Role- CAE Engineer**

Analyzer CAE Solutions is a design consultancy that caters to top tier clients in the fields of automotive, compressors, pressure vessels and home appliances. I was a part of the analysis team that worked on the commissioned projects from clients.

## **Educational & Personal Details:**

#### **• Educational Qualifications**

- **Master of Engineering (Mechanical Design)** 2017  
M.E.S. College of Engineering, S.P **Pune University** with CGPA of 7.8
- **Bachelor of Engineering (Mechanical)** 2013  
R.C. Patel College of Engineering, North Maharashtra University.

- **Languages known:** Professional - English, Hindi; Native- Marathi; Elementary- German
- **Address:** A2-703, Rose Icon, Pimple Saudagar, Pune.