

RAJ SINGH

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EXPERIENCE

- ❖ **Software Engineer | CitiusTech** (June '24 – Present)
Collaborated in a team to develop a large-scale hospital management system using Angular, .NET, Docker, and microservices architecture.
- ❖ **Software Engineer Intern | Innovative Software Solutions** (Jan '24 – April '24)
 - Developed a resume parser that can read text, Word, and PDF resume files. It can also shortlist resumes according to a skill set or search term.
 - Developed Single Sign (SSO) to allow users to log in to numerous websites from a single login server.
 - Developed a chatbot that lets staff members access their data from a database, handle their questions, and reply suitably. SMTP was used for OTP authentication.
 - Automated a web app to Mail a Rendered HTML file for all the emails inside an Excel sheet with time delay.
 - Developed an attendance management system using Flutter and NodeJS. The system will store employee information including location, time, selfie image, IP address, and physical address.
- ❖ **Geographic Information System | Jio** (Dec '22 – Jan '23)
I worked on a project called JioMetry ABD, a GIS-based tool for the Construction and O&M teams. I have experience with both the web and mobile application phases of the project.
- ❖ **Full Stack Developer | Metro Brands** (June '22 – July '22)
Developed a completely working website to aid Metro Brands workers in making their company's ticketing system fast, efficient, and smooth. Employees may use it to retrieve data from a database in tabular format, along with images, and to update the data as needed.

EDUCATION

- ❖ **BACHELOR OF TECHNOLOGY IN COMPUTER ENGINEERING**
Pillai College of Engineering, Mumbai University CGPA: 8.57 | 2020 - 2024
- ❖ **HSC | Pace Junior Science College, Maharashtra, India** 69.69% | 2020
- ❖ **SSC | Arya Gurukul (CBSE), Maharashtra, India** 81.60% | 2018

PROJECTS

- ❖ **Face Mask Detection System** – ML, OpenCV, Python
Created a machine learning method that can detect the presence or absence of a face mask. This method is valuable in pandemic situations like COVID and may be used to automate entry processes in organisations.
- ❖ **OCR (Optical Character Recognition)**– TESSARACT, BERT, NLP, Machine Learning, Python
Developed a project that uses Tesseract to extract text data from images, NLP to summarise the content of an image, and BERT to provide answers to questions depending on the content.
- ❖ **E-Commerce Website for Online Ice-Cream Shop** – HTML, CSS, JS, PHP, SQL
Created a fully functional ice cream ordering website with registration and login options. Customers may browse products online, add them to carts, and complete their shopping at the checkout.

SKILLS

- ❖ **Programming Languages** – Java
- ❖ **Web Technologies** – HTML, CSS, JS, PHP

ACHIEVEMENTS AND EXTRACURRICULAR

- ❖ Qualified for Semi-Finalist at Deep Blue Program conducted by Mastek (Nov '22 – April '23)
- ❖ Published a Research Paper on OCR (May '2024)