

# CHEBIUM SAI PRANAY

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## SUMMARY

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Computer Science undergraduate student with minor in machine learning (ML) and artificial intelligence (AI). Experience in languages like Python, C++, Java and web technologies like HTML, CSS, JavaScript, and MySQL. Developed web and mobile applications using React, React Native, and FastAPI. Strong experience in iOS and Android development, as well as Firebase and microservices. Additionally, engaged in research projects on software maintainability prediction and distributed algorithms for social media link prediction. Seeking a full time opportunity to apply my abilities and contribute to worthwhile projects.

## EDUCATION

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B.Tech in CSE, SRM University - AP	CGPA: 9.02	2019 - 2023
Intermediate, Sri Gayatri Junior College	Percentage: 89.9%	2017 - 2019
Class 10, Dilsukhnagar Public School	Percentage: 93%	2016 - 2017

## SKILLS

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<b>Programming Languages</b>	Python, C++, Java, C, Machine Learning (ML) & Artificial Intelligence (AI),
<b>Web Skills</b>	HTML, CSS, MySQL, JavaScript, JQuery, MySQL
<b>Frameworks</b>	React, Nextjs, Bootstrap, React Native, FastAPI
<b>Tools</b>	Android Studio, VScode, LaTeX, Firebase, Xcode
<b>Language Proficiency</b>	English, Telugu, Hindi

## WORK EXPERIENCE

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**MAJD Digital** *Dubai, UAE* November 2022 - Present

- Worked as a full stack developer
- Built web pages and mobile application pages using react and react native
- Worked on IOS and Android applications
- Worked with back end services like firebase and microservices

**University Teknology Petronas(UTP)** *Perak, Malaysia* 19th June, 2022 - 25th June, 2022

- It was a immersion program where we were taught courses as well as buisness management and projects were done individually and by group.

**APSSDC** *Vijayawada, Andhra Pradesh* June 2021 - July 2021

- Industrial Training Internship on Android App Development using Java

*All the above mentioned roles are my internship experience during my undergraduate study.*

## RESEARCH

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**Published:**

### Software Maintainability Prediction

- Research on software maintainability prediction using ensemble learning methods in machine learning.  
( <https://ieeexplore.ieee.org/document/10135034> )

## **Under Review:**

### **Distributed and Parallel Algorithms for Link Prediction In Social Media Networks**

- Research on establishing distributed and parallel algorithms for prediction of various links in a social media network.
- Currently working on the research as a part of the final year capstone project

### **Disease Prediction**

- Research on diagnosing cancer using classification of symptoms.

## **PROJECTS**

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### **Portfolio**

A Personal Portfolio developed by using web technology ReactJS. Portfolio comprise of my personal information and my projects.

### **MerchWorld**

Created an e-commerce platform using React and FastAPI to support the sale of items from various artists across the world. This website acts as a centralised platform for actors, musicians, YouTubers, and other artists to showcase and sell their items globally. MerchWorld intends to create a simple shopping experience for customers looking for items by cutting down the browsing time and minimising fraudulent activities.

### **Meble — Furniture Shopping App**

An app designed using Java and Android Studio which enables users to select from a wide range of traditional and contemporary furniture to improve their aesthetic appearance of their commercial or private property.

### **Notes Website**

I created a Notes website using react that allows users to write, edit, and store notes. This website has a JSON-based storage system, which ensures that the notes remain even after the page is reloaded. In addition to that it also a handy feature that allows users to choose between dark and light modes, improving the visual experience.

### **Hostel Management System**

I developed a website called Hostel Management System using web technologies HTML, CSS, JavaScript, MySQL and PHP. This website enables the administrator to handle all parts of the hostel smoothly, while also giving students with a straightforward way to book their hostel room. It also features a user-friendly interface through which students can use the system by logging in/signing up. Students can sign up and enter relevant information such as their name, contact information, and preferences for hostel lodgings.

### **Pet Registration Form**

Developed a comprehensive pet management system using Java and Swing technology in the Eclipse IDE. This system meets the different demands of pet owners by providing features such as pet registration, missing complaint filing, and access to information on pets rescued by non-governmental organisations.

## **MOOCs (Massive Open Online Course's)**

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- Basic Problem Solving, Hackerrank — 2021
- Python Problem Solving, Hackerrank — 2021
- Amazon GO - Future of shopping (AI) — 2020
- Python Programming Language, Udemy — 2019