

PRAJEETH BALACHANDRAN

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EDUCATION

SSN College of Engineering (2020-2024)

- Bachelor of Technology, Information Technology (Current CGPA: 8.8)

Maharishi Vidya Mandir Senior Secondary School (2018-2020)

- 12th Grade - Secured 95.6% in 12th grade and stood in the top 2 % in the school.

EXPERIENCE

Citicorp May 2023 - July 2023

Software Development Intern

- Reduced the manual effort involved in the checkout process for various internal applications by over **90%** by creating an efficient automation tool to perform Service Health Checks. Received wide acclaim for its versatility.
- Developed using **Java**, **Springboot**, and **ReactJS** along with **UDeploy** and **Diffblue** for deployment and unit testing.
- Performed data modeling on banking data and represented the trends through **Tableau**.

TECHNICAL SKILLS

Programming Languages Python, C, C++, Java, JavaScript, TypeScript

Database Oracle, MySQL, MongoDB, PostgreSQL

Technologies & Frameworks HTML, CSS, Tailwind CSS, Django, ExpressJS, Springboot, Maven, AngularJS, ReactJS, NextJS, Bootstrap, Web Services (RESTful, SOAP), Unix, Git, Docker, Flutter, Tableau

PROJECTS

- ❖ **displaytree** - 'displaytree' is a pip installable **Python package** that helps us visualize our binary trees, which is uploaded to the PyPI global server and is openly available to be downloaded. Currently has over **2500 downloads**. ([Link](#))
- ❖ **CareerShala** - A personalized career guidance tool that helps with career choices, with the help of a Machine Learning model along with an AI chatbot for personalized responses. Built using **Django**, **ReactJS**, **NextJS**, **Tailwind CSS**, and **PostgreSQL**. ([Link](#))
- ❖ **TEAM'ing with Teachers** - To help professors reduce their effort to calculate, evaluate, and maintain attendance downloaded from the Microsoft Teams app at the click of a button along with a user-friendly UI. Developed using **Python**, **Tkinter**, **openpyxl**. Widely used by college professors and also repeatedly published in college magazines. ([Link](#))
- ❖ **Project Boutique** - Developed a website for a real-time client (Renuka Tailors, Chennai) with more than 500 overseas clients, using **Django**, **MySQL**, and **JavaScript**. ([Link](#))
- ❖ **Qwerty** - Using **Artificial Intelligence** to analyze and generate an efficient keyboard layout. Built an interactive website to use the newly generated keyboard layout, Developed using **Python**, **HTML**, **Tailwind CSS**, and **JavaScript**. ([Link](#))
- ❖ **Stellar** - A fun brain teaser/game that can be fun to play, developed the website using **HTML**, **Tailwind CSS**, **JavaScript**. ([Link](#))
- ❖ **Cricket4ever** - Predict IPL scores using a **Machine Learning** model trained from previous years' IPL data. ([Link](#))

CO-CURRICULAR ACTIVITIES

Event Head, Invente (Websitica) 2023 - Present

- Led Websitica, a distinguished nation-level Web Development competition, as Event Head, showcasing adept leadership and collaboration skills honed through extensive web development expertise.

Secretary, ProCode Coding Club Jan 2022 - Present

- Chosen from 300+ applicants for exceptional programming and leadership skills. Led sessions on Data Structures, Algorithms and Web Development, and contributed to peer-to-peer tutoring events for freshmen.

AWARDS AND ACHIEVEMENTS

- Open-source projects with **thousands of public downloads**, featuring real-time applications
- National-level Smart India Hackathon(**SIH'2023**) **grand finalist**
- **Winner** - Three-day intra-college Website Development (front-end & back-end) challenge
- **Featured in college magazines** and widely acclaimed for addressing pressing college challenges with impactful projects.
- **Winner** - Cybersecurity quiz challenge by SSN Cybersecurity Club