

Rini Chandra

Software Engineer

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EXPERIENCE

Software Engineer

Qualcomm 01/2021 - 01/2023 Hyderabad, India / Remote

C, JavaScript, CodeCollaborator, Orbit, Trace32

- Worked as the sole secure boot POC for pre-existing and new Automotive chipsets, and was responsible for SW enablement on actual HW and any change requests in the aforementioned category.
- Helped reduce boot-up time by 40%, reducing necessary wait time-outs by half, and added OEM customization capability to the same.
- Automated error-prone processes, increasing efficiency by 60% and accuracy by 100%.
- Recognized several times for ownership and hard work via ThanQ awards.

Assistant Systems Engineer

Tata Consultancy Services 03/2019 - 08/2021 Pune, India

Powershell 5.0, Github, Azure

- Worked as a part of a DevOps team in an Agile based environment, focusing on the development & maintenance of the Secure DevOps Kit for Azure.
- Developed and enhanced manual test suites to reduce effort by 60%.
- Recognized with 'Step Up' award for highly positive client feedback.

Web Developer

uCertify 07/2017 - 03/2018 Prayagraj, India

HTML5, CSS3, Bootstrap 4, JavaScript (ES6), JQuery, React, SASS, PHP

- Completed a project called *Rubric Item Type*, working solo, to provide a way for instructors/teachers to create fully dynamic evaluation tables using React.
- Also completed several smaller projects including browser games and an in-house text annotator built using React.
- Recognized as *Trainee of the Month* for exceptional performance, and positioned as a React POC in my team.

HIGHEST EDUCATION

Master of Technology (IT), specialization in Software Engineering (Honors)

Indian Institute of Information Technology

08/2019 - 07/2021 Prayagraj, India GPA **9.3** / 10

ACHIEVEMENTS

💎 Presented my paper solo, at BIBM 2021

Authored a paper based on my Masters thesis which was selected for this International Conference, and I was invited to present it before eminent scholars from across the globe.

💎 1st position at Freakoweb

An inter-college website development competition, during my B.Tech.

💎 3rd position in Codifica Agon

A C Coding competition, during my B.Tech.

💎 1st at State Level Quiz

Quiz organized by Dr. APJ Abdul Kalam Technical University

💎 Bronze Medalist at the International Infomatics Olympiad

Secured 3rd position at school level in the worldwide event to be awarded a Bronze Medal

SKILLS

Actively uses

JavaScript **React** **Bootstrap 4** **SASS**

HTML5 **CSS3** **GitHub**

Familiar with

PHP **Node** **Core Java** **C#**

PowerShell **C**

RELEVANT PROJECTS

Weather Now

React, JavaScript, Web APIs, Open Weather API, ContextAPI, Bootstrap, Chart.js, HTML, CSS

A simplistic yet intuitive, feature packed web app - which offers current weather data and forecasts the average weather conditions of the next 5 days, for 2 lakh+ cities around the world. It also auto-detects the weather at your current location, and illustrates the weather conditions for the next 24 hours graphically. Check live website [here](#).

Creme de la Rasoi

React, Bootstrap, JavaScript, HTML, CSS

A one-stop SPA for cooking enthusiasts, with features useful for beginners & professionals alike. It features a host of modules like quantity converter, text to ingredient parser, CRUD operations on recipes, tips & tricks, upvote/downvote, ingredients, checklists, bookmarks, etc. View demo video [here](#).

Rubric Item Type

React, Bootstrap, JavaScript, XML, JSON, HTML, CSS

A tool for educational content creators and instructors at uCertify, to enable easy-to-manage, lucid and dynamic evaluation tables. This allows the instructor to fully control gradings and expectations over assignments.

PUBLICATIONS

2021 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), Houston

IEEEExplore

Target-less Drug Discovery Pipeline using Feature Driven Development (FDD) model

The paper was based on my Masters thesis, which offered a solution for non-targeted drug discovery by filtering candidates based on a host of their physical and chemical properties. It has been published online on [IEEEExplore](#), and the code is available on [GitHub](#).