

Ravin Teja Chilukamari

ravinteja.chilukamari@gmail.com

+91 7801026007

Skills

Backend Development, Full Stack Development, VBA for Excel, Power Query, Python, Django, Node Js, React JS, JavaScript, MongoDB, Machine Learning, Cloud Computing, Azure, Docker, Machine Learning Model Deployment, Java, Spring, Spring Boot, Hibernate, REST, Web Services.

Education

JULY 2019 - AUGUST 2023

National Institute of Technology, Andhra Pradesh– *B.Tech Computer Science Engineering*

Experience

FEBRUARY 2023 - Present

INVERSE COOKING

- Designed a two step architecture for easy implementation, which consists of image processing in phase 1 and text generation in phase 2.
- Coded main parts of phase 1 which is the core of the model which understands the input image.
- Guided a team of 3 and ensured we are learning without fail.

AUG 2022 - OCTOBER 2022

Google ML Bootcamp– *Intern*

- Selected as one of 200 members all over India
- Learning Coursera Deep Learning Specialization by Andrew Ng
- In future participating in Kaggle Competitions

MAY 2022 - JULY 2022

University of Eastern Finland & Bitsilica– *Intern*

- Machine Learning Model Deployment
- Developing REST API for Deploying Machine Learning Models.
- Using Django for backend and Docker for Deployment.

JUNE 2021 - SEPTEMBER 2021

National Institute of Technology, Andhra Pradesh– *Full Stack Developer*

- Using React JS for Frontend, Node JS for Backend and MongoDB for the database.
- Developing a Full-Stack website for about 150 Employees of our Institute.
- Employees can apply for leaves, maintain attendance and many other features.
- This website allows employers to do many jobs remotely.

JUNE 2020 - AUGUST 2020

Microsoft, Remote Internship(Verzeo) – *Azure Practitioner*

- It was a 2-month long internship
- Deployed a website using Azure cloud.

Projects

FEBRUARY 2023 - Present

Online Outing System

- Crafted production-grade MERN stack applications, with functional components, achieving responsiveness and optimized performance with caching and server optimization.
- Used QR codes as a way to communicate between client and server.

OCTOBER 2022 - OCTOBER 2022

User Data Entry Form and Inventory Manager

- Created a Smart and automated Inventory Manager Tool using Excel VBA
- Used QR codes as a way to communicate between client and server.

NOVEMBER 2022 - DECEMBER 2022

Optimal Crop Prediction

- Developed a model which predicts optimal crop based on factors of given soil conditions.
- Build a web application and deploy the model which can run from anywhere.
- Optimized production code to achieve 8.3% higher accuracy.

JULY 2023 - SEPTEMBER 2023

Assignment Submission and Review App

- Built a production-grade React Js Spring Boot stack applications, with functional components, achieving responsiveness and optimized performance with caching and server optimization.
- Used JWT for authentication ,Added Spring security with JWT.
- Solved CROSS error in React app, Reduced fetch call boilerplate code.

Leadership Roles

AUGUST 2020 - OCTOBER 2020

Entrepreneurship and Innovation Cell, NIT Andhra Pradesh- *Executive Member*

- Lead a team of 22 and organized 5 webinars inviting entrepreneurs which had an average of 270 participants

JANUARY 2020 - PRESENT

Resource Hub, NIT Andhra Pradesh- *Initiator*

- https://www.instagram.com/resourcehub_nitap/?hl=en
- Initiated a forum for students on behalf of the Alumni Team of NIT AP, which provides useful resources for students.
- It has reached around 1300 followers
- Soon we are going to build a Website for Resource Hub

Licenses and Certifications

- FreeCodeCamp Certification Of Web Development - https://www.freecodecamp.org/certification/ravin_teja_chilukamari/responsive-web-design
- NVIDIA Fundamentals of Deep Learning - <https://courses.nvidia.com/certificates/e9c7af6a787f4160a8062aca144e66d6>