

Neeraj Baipureddy

FULL STACK DEVELOPER

Profile

My objective is to achieve high career growth through a continuous learning process. Persistent and focused on my work .

Education

Bachelor of Technology in Computer Science, Bennett University, Greater-Noida - 8.15 CGPA

2017 – 2021

XII, Sri Chaintanya Educational Institutions, Vijayawada, India - 83.60%, Pune

2015 – 2017

X, Sri Chaintanya Educational Institutions, Visakhapatnam, India - 9.5 CGPA

2015

Internships

Machine Learning Intern , VSC DigiTech, Hyderabad

MAY 2020 – JULY 2020

Summer intern, BITS PILANI

MAY 2019 – JUNE 2019

Employment History

Linkedin - Contingent (Full Stack Developer),

JULY 2022 – PRESENT

- Providing support to the existing clients (Salesforce, Tableau, VMware and Apple) and continue working on enhancing key features of our product based on customer requirements.
- Working on the development of the Edamame project (integration of LinkedIn Learning and Edubrite) using LinkedIn's tech stack.

Full Stack Developer, Edubrite - Now Part of LinkedIn , Pune

JULY 2021 – JULY 2022

- Built customized web pages using Velocity, JavaScript, HTML, CSS, Salesforce custom elements, and SLDS components aligning with our LMS product
- Developed UI for Salesforce, Tableau, Apple, and VMware using their components and Edubrite's backend services. Worked on deploying Edubrite's LMS on the Atlassian marketplace using IFRAME.
- Member of the AI-ML team, worked on a recommendation engine for courses specific to VMware and researched question generation using Neo4j.

Graduate Engineer Trainee, Mckinley & Rice, Pune

FEBRUARY 2021 – JULY 2021

Details

India

7993156057

baipureddyneeraj@gmail.com

NATIONALITY

indian

DATE / PLACE OF BIRTH

18/05/2000

Visakhapatnam

Links

[LinkedIn Profile](#)

[GitHub](#)

[Medium Blog](#)

[Portfolio Website \(Personal project\)](#)

[Amazon-Clone](#)

[Code.D Chat](#)

[Topographical Feature Extraction Using Machine Learning Techniques from-Sentinel-2A Imagery \(research project\)](#)

[Predix modeling tool](#)

[Capstone project](#)

Skills

AWS

React.js

Next.js

Redux

TypeScript

JavaScript

HTML & CSS

MySQL

Git

Firebase

Python - numpy, pandas, sklearn, matplotlib

Machine learning - Supervised- and unsupervised learning

React Native

- Designed and developed cross-platform apps using React Native for clients and built responsive websites using React.js, Next.js, and Redux.
- Developed and maintained products end-to-end, including design, build, test, and deployment.

Projects

TrailHead (Edubrite Systems – Now part of LinkedIn, Fremont, CA)

AUGUST 2021 – NOVEMBER 2022

Trailhead is a Salesforce project partnered with Edubrite that provides LMS services to customers on a subscription basis.

- Leveraged existing custom course player for content delivery as per salesforce requirements that includes TrailHead content, knowledge Check(test), and lessons (video and pdf) on the Edubrite side (Java, MySQL, jQuery, JSP, HTML, CSS).
- Integrated a scratch-org (Salesforce API) into Edubrite's course player to track and synchronize user activity in Salesforce using Velocity, GraphQL, JavaScript, and jQuery and provides certificates upon course and test completion.
- Developed an algorithm in JAVA and JavaScript to recommend courses to users.
- Implemented checkout flow (course purchase) for subscription using JAVA, JavaScript, Velocity, DocuSign, and CyberSource.

Project Link: <https://trailheadacademy.salesforce.com/my-learning>

Code.D Chat (McKinley & Rice)

APRIL 2021 – JULY 2021

Code.D Chat is a web app created using React, TypeScript, Firebase, and Algolia. The objective of this project is to create a community for programmers where they can create chat rooms to discuss technologies and help each other by solving problems. Through this project, we were able to connect students from 11 universities in India with industry experts.

- Created UI and reusable components in React.js, Implemented Redux for state management of the app.
- Implemented user authentication using Google Login, added push notifications and profile bookmark.
- Integrated Algolia search with a replica of Firebase to support search and filtering of chat rooms.

Project Link: <https://chat.code-d.io/>

Caster [McKinley & Rice (Play42 client), Pune]

FEBRUARY 2022 – APRIL 2021

Caster is a web-based Korean quizzing platform available on the web, iOS, and Android. The mobile app is developed using React-Native and Material-UI (CSS), while the admin portal, which is used for content creation and management, is developed using Next.js (front-end), Node.js, and Express.js (back-end).

- Implemented in-app user authentication using Facebook Login and added scratch-card and referral-code features to earn points.
- Worked on app user stories (similar to Instagram stories) to improve users' engagement with the product.
- Handled the entire app's state management using the advanced technique of context in React.

Languages

English

Hindi

Telugu

- Part of the integration team responsible for implementing Google Admob (for mobile app) and AdSense (for web app) to display advertisements and generate revenue.
- Contributed to the application's DevOps by deploying the project on AWS.

Project Link: <https://play.google.com/store/apps/details?id=com.caster>

Topographical Feature Extraction Using Machine Learning Techniques from Sentinel-2A Imagery (research project) (Semester and research project)

Implemented an algorithm using various machine learning techniques like Random forest, SVM, Naive Bayes, Decision tree(CART) satellite images in python. The algorithm can classify the satellite images into 5 classes - Bare land, cropland, water body, road, built-up regions. In the first phase, we classified the satellite image into 5 classes, and then in the second phase, we classified the crop area into types of crops to get the yield so that we can help the farmers.

Link : [Topographical Feature Extraction Using Machine Learning Techniques from Sentinel-2A Imagery | IEEE Conference Publication | IEEE Xplore](#)

Portfolio Website (Personal project)

Created a website that has personal details using NEXT.js, Tailwind CSS ,TypeScript and sanity.io (CMS)

Link : <https://www.neeraj-baipureddy.com/>

COVID-19 ANALYSYS AND FORECASTING (Capstone project)

Me and my team mate came up with few ideas to tackle the covid-19 virus. Basically we developed few models to solve these 4 problems : 1.Social-distancing (SVM, HOG) 2.Usage of masks (Haar cascade, Mobile net v2 pre-trained) 3.Fall detection(chainer pose estimation) 4. Forecasting covid-19 cases (Prophet, Folium)

Youtube video link :

<https://www.youtube.com/watch?v=dr4XOWSfJGY&feature=youtu.be>

Certifications and Publications

AWS Certified Developer - Associate (Score : 947)

DECEMBER 2020 – DECEMBER 2023

[See credential](#)

AWS Certified Cloud Practitioner (Score : 943)

OCTOBER 2020 – OCTOBER 2023

[See credential](#)

Research Paper

<https://ieeexplore.ieee.org/abstract/document/9324713>

Machine learning Intern at VSC DigiTech

Extra-curricular activities

Player in Bennett university cricket team, Greater Noida

Organizing board member in Bennett sports committee and received a letter of appreciation for organizing the tournaments.