

Neeraj Baipureddy

Full Stack Developer

Vizag, India

Bio

I'm a web developer with in-depth experience in UI/UX design. In a nutshell, I create websites that help organizations address business challenges and meet their needs.



Software Engineer (CW) at LinkedIn

Jul 2022 - Current

- Provided support to existing clients such as Salesforce, Tableau, VMware, and Apple while enhancing key features of our product to meet customer requirements.
- Worked on the development of the Edamame project, which involved integrating LinkedIn Learning and Edubrite using LinkedIn's technology stack.



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

Jul 2021 - Jul 2022

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



Contact

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[LinkedIn](#)

[GitHub](#)

[Twitter](#)

[Website](#)

Skills

Typescript

React

Next.js

MySQL

JavaScript

tailwindcss

Firebase

Git

AWS

Python

React Native

GraphQL

Java

Languages

English (*proficient*)

Hindi (*Fluent*)

Telugu (*native*)

Education

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

Certifications

AWS Certified Developer -
Associate (Score: 947)

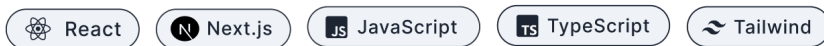
[See Credential](#)



Graduate Engineer Trainee, Mckinley & Rice, Pune

Feb 2021 - Jul 2021

- Designed and developed cross-platform mobile applications using React Native for various clients, delivering high-quality user experiences across multiple platforms.
- Built responsive websites using React.js, Next.js, and Redux, leveraging my skills in front-end development to deliver visually appealing and functional web pages.
- Developed and maintained products end-to-end, including design, build, test, and deployment



Projects →

Edamame-LinkedIn's acquisition and integration of Edubrite (Certificate Assessment)

Aug 2022 - Present

See Project

Integration of Edubrite's certification assessment engine with LinkedIn learning

- Implemented image upload feature for questions in Edubrite's assessment player (JAVA, JSP).
- Implemented the "Mark for review" feature for questions during assessment (JAVA, JSP).
- Worked on IFRAME integration of Edubrite's assessment player with LinkedIn learning (JAVA, JSP, and ember.js).

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

Aug 2021 - Nov 2022

See Project

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.

AWS Certified Cloud Practitioner (Score: 943)

[See Credential](#)

Publications

Research Paper

[IEEE Link](#)

Extra-curricular activities

Player in Bennett University cricket team, Greater Noida

Organizing board member in Bennett sports committee

Internship

Machine Learning Intern at VSC DigiTech (2020)

Code.D Chat (McKinley & Rice)

Apr 2021 - Jul 2021

See Project

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.

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

Feb 2021 - Apr 2021

See Project

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.
- 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.

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

IEEE Link

Implemented an algorithm using various machine learning techniques, including Random Forest, SVM, Naive Bayes, and Decision Tree (CART), on Sentinel-2A satellite images in Python. The algorithm can classify the satellite images into five classes: bare land, cropland, water body, road, and built-up regions.

- Collected and preprocessed satellite data from the USGS Earth Explorer portal, reducing cloud coverage and normalizing image values for improved model performance.
- Achieved an accuracy of 95.67% using the random forest classifier.
- Utilized the automated approach to efficiently process large sets of data, reducing the need for manual labelling.

Portfolio Website (Personal project)

See Project

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