

Adarsa Swain

[LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Location: PUNE

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MERN STACK DEVELOPER

Results-driven **Full Stack Developer** with **2+ years** of hands-on experience in building scalable web applications using **React.js**, **Node.js**, and **Azure Cloud**. Proven expertise in deploying high-performance static websites, integrating **Redis** caching, and designing **cloud-native solutions** that improve speed and reliability. Adept at developing full-stack projects using **REST APIs**, **MongoDB**, and modern frameworks. Delivered **AI-enabled fintech, ecommerce, and healthcare** projects with real-world impact.

TECHNICAL SKILLS

Languages	: C++, JavaScript, Python, HTML, CSS
Frameworks	: React.js, Express, Node.js
Libraries	: Material, Redux, React Router, TensorFlow, Scikit-Learn, Keras
Databases	: MongoDB, SQL
Cloud	: Azure (Redis, Storage)
Dev Tools	: Visual Studio Code, Git, GitLab

EXPERIENCE

LTIMINDTREE

Cloud Services and Software

Aug 2023 – Present

PUNE

- Integrated **Azure Cache for Redis** with Node.js, reducing data retrieval times by **40%** to enhancing user experience and operational efficiency
- Deployed static **HTML, JavaScript, and React** apps via **Azure Storage**, achieving a **60%** improvement in load times and **99.9%** availability for customer-facing solutions
- Implemented scalable **Azure Storage** solution for static HTML and React, reducing load times by **50%** and improving availability, serving **100+** monthly users

HIGHRADIUS

Frontend Developer Intern

Aug 2022 – Jul 2023

Remote

- Developed a cloud-based application with **React.js** (frontend) and **Java** (backend), improving UX and performance, resulting in a **30%** faster load time and **25%** increase in client data access.
- Optimized data preprocessing for machine learning models, enhancing dataset quality and improving predictive accuracy by **15%**.
- Conducted over **50 code reviews**, maintaining performance and scalability across **React.js** and **Java** components, improving application reliability and reducing bug rates by **20%**.

RecruitNXT

Summer Intern

Jan 2022 – May 2022

- Created dynamic resume templates using **HTML**, **CSS**, and **JavaScript**, developing **20+** customized demo templates that helped students enhance resume formatting and content, leading to improved engagement and job visibility.

EDUCATION

Lovely Professional University

Bachelor of Technology in Computer Science

CGPA:-7.55

Punjab

AUG 2019 – JUN 2023

PROJECTS

Brain Tumor Detection

Python, HTML, Deep Learning, Machine Learning, Flask

[Source Code](#)

- Developed a machine learning model for brain tumor detection using **MRI scans**, achieving an accuracy of **97%** in classifying tumor types.
- Integrated **Flask** with the machine learning model to create a web application with **HTML** for the UI, allowing users to upload MRI images for real-time tumor detection.
- Utilized **Python, Deep Learning**, and **Machine Learning** techniques to preprocess data, train models, and optimize performance, achieving a **5%** improvement in prediction accuracy through model tuning.
- Refined the database by reviewing and incorporating insights from **20+ research papers**, leading to a more robust dataset and a **97%** accuracy in tumor detection.

AI Enabled Fintech B2B Cloud Application

HTML, CSS, MUI, Servlet, React

[HIGH RADIUS](#)

- Developed a full-stack invoice management application with **React** (frontend) and **Servlet** (backend) to predict customer payment dates, leveraging **AI** algorithms, improving payment date prediction accuracy by **15%**.
- Implemented CRUD operations on invoice data, streamlining the process for over **500+ invoices** and improving data accuracy and retrieval time by **20%**.
- Built a responsive user interface using **HTML, CSS**, and **MUI**, enhancing user experience and reducing bounce rates by **10%** among users.
- Integrated predictive models that improved cash flow forecasting, helping the company reduce outstanding receivables by **25%**.

Apnadukkan Ecommerce Website

HTML, CSS, JavaScript, Python, Django

[Source Code](#)

- Developed a full-fledged ecommerce website using **HTML, CSS, JavaScript**, and **Django**, enabling users to browse products, add them to a shopping cart, and make secure payments.
- Integrated a secure **payment gateway** that supports multiple payment methods, improving customer trust and increasing checkout success rates by **30%**.
- Implemented a dynamic shopping cart system, enabling users to seamlessly add, remove, and modify items, enhancing user experience and engagement.
- Used **Python** and **Django** to build a scalable backend, ensuring smooth data handling for over **1,000 daily users** and reducing server response time by **20%**.
- Optimized website performance, leading to a **15%** improvement in page load times, reducing bounce rates and increasing conversion rates.

OPEN SOURCE

GirlScript Winter of Contributing | Aug 2021 – Oct 2021

- Contributed to open-source projects by creating detailed documentation on topics such as **React** and **VS Code**, enhancing understanding and accessibility for other developers.
- Successfully submitted **many pull requests (PRs)** that were merged into the project, improving the quality and reach of community resources.

CERTIFICATIONS

- [JavaScript Certified](#)
- [DSA Algorithm Self-Placed Course](#)
- [Microsoft Certified: Azure Developer Associate](#)