

NIPUN HEDAOO

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EDUCATION

Concordia University

Masters in Applied Computer Science, Montreal, Quebec, Canada

January 2022 - May 2024

CGPA - 3.5/4.3

Savitribai Phule University

Bachelors in Information Technology, Pune, India

August 2016 - November 2020

CGPA - 8.21/10.0

SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python, SQL.

Frameworks: React, Angular, HTML5, CSS, Bootstrap, UI/UX Spring, NodeJs, REST APIs, MySQL, Postgres, MongoDB.

Tools & Services: Unix/Linux, Algorithms, Data Structures, Object-oriented Programming, Docker, Operating Systems, Problem Solving, CI/CD, DevOps, Kubernetes, AWS, GCP, Jest, JUnit, Unit testing, Git, Cloud Computing.

WORK EXPERIENCE

Software Developer

Platos

August 2020 - November 2021

Chennai, India

- Designed and developed 20+ reusable web application components utilizing **React** and **Redux** for the admin dashboard.
- Collaborated with cross-functional teams in a agile environment to create **REST API**, resulting in a 50% reduction in customer support requests.
- Orchestrated development of an automated system utilizing **Node.js** and **Google Cloud Platform**, achieving a 38% increase in user engagement metrics in less than 3 months of release.
- Streamlined deployment by building **CI/CD pipeline** using GitHub actions, reducing the time to deploy new features by 25%.
- Successfully implemented user authentication for 15,000+ users using Google **Firestore** ensuring robust security measures and optimized scalability through strategic utilization of **Cloud Functions**.

Software Engineer Intern

Virtusa

May 2019 - July 2019

Hyderabad, India

- Created an interactive website to display valuable insights using **HTML, CSS, Python, Flask**, and visualization library.
- Preprocessed the data set of 50,000+ records to remove special characters and used Stop-words by NLTK to remove filler words.
- Trained model using LSTM algorithm to summarize meetings and used IBM cloud technology for speech-to-text conversion.
- Achieved an accuracy rate of 91% for a **deep learning** model designed to analyze audio files and generate meeting summaries.

PROJECTS

Job Portal | Web Development | [Code](#)

August 2023

- Created an **full stack** user-friendly **web application** for job seekers, streamlining job searching and posting process.
- Leveraged **Angular** for the front end and employing **Spring Boot** and **MongoDB** for the back end to expedite development.
- Effectively communicated project requirements and progress in a team of 6 members and maintained **GitHub Wiki**.
- Established **JWT** token-based authentication and authorization for enhanced user access control.

E-commerce Web Application | Web Development | [Code](#)

November 2021

- Conceptualized and engineered a **full stack** e-commerce web application using cutting-edge **Javascript** frameworks.
- Developed **REST API** endpoints with **Nodejs, Express, and MongoDB**, increasing efficient data management.
- Orchestrated integration of third-party **APIs**, like Google Maps, twilio, and Stripe with **React** to elevate the functionalities.

Crypto Currency Tracker | Web Development | [Code](#)

June 2023

- Constructed a web application using **React** to monitor prices and performance of **4000+** cryptocurrencies in real-time.
- Utilized **Redux Toolkit** for streamlined state management and integrated **2 APIs** for real-time data-driven decision-making.
- Leveraged **Chart.js** features to visualize historical data using **8+** graphs, and **Jest** for unit testing.

Steam game recommendation | Big Data, Machine Learning | [Code](#)

August 2022

- Designed and implemented a **recommendation system** to offer personalized game suggestions to users.
- Performed data preprocessing and exploratory data analysis using **PySpark**, preprocessed and transformed **20,000+** rows.
- Achieved an **RMSE** of **0.08** for the **Matrix Factorization model** and **0.10** for the **Item-Item Recommendation model**.