

Debjyoti Das

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• [LinkedIn](#) • [Portfolio](#) • [GitHub](#)

Education

Amrita Vishwa Vidyapeetham Bengaluru, India

2020 - 2022

Master of Technology - Computer Science and Engineering — CGPA: 8.35

Relevant Courses: OOPS, Operating Systems, DSA, DBMS, Computer Networks, Big Data, Artificial Intelligence, Machine Learning, Computer Vision, Cloud Computing

2014 - 2018

Gargi Memorial Institute of Technology Kolkata, India

Bachelor of Technology - Computer Science and Engineering — CGPA: 7.15

Relevant Courses: OOPS, Operating Systems, DSA, DBMS, Computer Networks, C, Automata

Skills

Languages: C/C++, JavaScript, Python, HTML5, CSS, SQL, PHP

Frameworks: React JS, jQuery, Bootstrap, Tailwind CSS, NodeJS, TensorFlow, Keras, Material UI, AJAX

Tools: Git, GitHub, Postman, AWS

Api: Rest Api

Databases: MySQL

Platforms: Linux, Windows, Android Studio, VS Code, Jupyter Notebook, Anaconda, Sublime

Experience

SIEVA NETWORKS Pvt Ltd | Associate Software Engineer

Nov 2021 – Present | Kerala, India

- Enhanced user experiences on **SIEVA NETWORKS & Matrack**, Portals by debugging the portal **resolving bugs & reduced load time by 40%**.
- Built a **Fuel finder** app to find nearby fuel stations with technologies like HTML, CSS, Bootstrap, JavaScript, jQuery, PHP to build the platform, the user info (time of login, contact info, location of user) is stored in the MySQL Database. The app is responsive. The data of fuel stations and its price is scrapped from a renowned website and scrapped by CURL call. The app can be found in [play store](#) and [iOS store](#).
- Contributed to the growth of **Sieva Networks Pvt Ltd** by successfully implementing **responsive UIs** in company's various projects (**web, app**), leading to a **16% increase in user engagement**.
- Working closely with **clients** and **cross-functional departments** to communicate **project status** and proposals and **troubleshooting** in case any bugs arise in the live server and communicating key **project data** to team members and building cohesion among teams.
- Developing and executing project plans such as displaying current location of customers and their travel log reports which improved the quality of the **app as well as website by 10%**.

SIEVA NETWORKS Pvt Ltd | Associate Software Engineer Intern

Oct 2021 - Nov 2021 | Kerala, India

- Applying best practices and standard operating procedures for developing and testing new software features and fixing newly raised bugs which helped in increasing the **code efficiency** and reducing the old **existing bugs by 25%**.
- Developing high converting **landing pages** and newsletters mainly using **HTML, CSS, Bootstrap** and **JavaScript** incorporated with sign up and sign in pages and also storing the user info in the database.

Projects

E-commerce shopping page and cart ([Web Link](#), [Code Link](#))

Dec 2022 - Jan 2023

- E-commerce shopping page with good **user interface** where user can choose any item and put the item in cart.

- User can also use coupon codes during the time of checkout and if the coupon is valid then it will deduct the coupon value from the total amount.
- User can also increase or decrease the number of similar items in the cart with the total price during checkout.
- Tech stack: **JavaScript, HTML, CSS, jQuery, Bootstrap.**

Weather Forecast Application ([Web Link](#), [Code Link](#))

Apr 2024 - May 2024

- Dynamic Weather Forecast App created using React JS which forecasts the temperature, humidity, air pressures, climate for the city entered by User.
- Scrapped data from weather DB, a website which stores the data of weather of each city in the world which is then fetched using promises.
- User can enter city name and can view the wind pressure, date and local time and humidity level.
- Tech stack: **React JS, Tailwind CSS, Material UI, HTML, npm**

Web Based Dice Game ([Web Link](#), [Code Link](#))

Jan 2023 - Mar 2023

- An **interactive** web-based dice game using HTML, CSS, JavaScript for two players offering a dynamic and engaging gaming experience.
- Implemented user-friendly interface allowing seamless interaction for players.
- Tech stack: **HTML, JavaScript, HTML, CSS.**

TextUtils - text manipulation Application ([Web Link](#), [Code Link](#))

Jul 2023 - Sep 2023

- Developed a dynamic text manipulation application using React JS, allowing users to perform various text related operations efficiently.
- Integrated functionalities such as text case conversion, character count, and word count. Implemented dark mode and light mode for user
- Utilized React components, bootstrap to create a responsive and interactive user experience.
- Tech stack: **ReactJS, Bootstrap, CSS, HTML.**

Location Mapping Application ([Web Link](#), [Code Link](#))

Dec 2021 - Mar 2022

- Implemented a dynamic Location Mapping App using HTML, CSS, and JavaScript, that helps users to interactively manage geographical data.
- Utilized the Google Maps API to dynamically display user-entered locations on an interactive map.
- The location data is stored efficiently and displayed in a structured format using a Data Table.
- Enabled users to perform CRUD operations (Create, Read, Update, Delete) on location entries, ensuring a robust data management system
- Ensured cross browser compatibility and responsiveness for a consistent experience across devices
- Tech stack: **HTML, CSS, JavaScript, Bootstrap.**

To-Do List Application ([Web Link](#), [Code Link](#))

Dec 2023 - Jan 2024

- Integrated task management functionality using JavaScript for dynamic and real-time updates.
- Utilized CSS for styling and ensuring a responsive design for seamless usability across various devices and to enhance user experience.
- Ensured cross browser compatibility and responsiveness for a consistent experience across devices
- Tech stack: **React JS, HTML, CSS, JavaScript, Bootstrap.**

Stock Market Analysis and Prediction ([Web Link](#), [Code Link](#))

Jan 2021 - Mar 2021

- Stock Market Analysis and Prediction using ANN (Artificial Neural Network) and Linear Regression.
- A dataset of a 10-year stock is taken which is then trained and analysed by ANN, the high, low and openings of the particular stock.
- TensorFlow is used to develop model for training the dataset ANN and Keras is used for predicting the future of a stock by analysing past history.
- Matplotlib is used to plot the data in a graphical format which enhances the user experience.
- Tech stack: **Python, TensorFlow, Keras, ANN, Matplotlib.**

Speech Recognition System ([Web Link](#), [Code Link](#))

May 2021 - Jun 2021

- A Speech recognition python app made with TensorFlow and Keras analysing different voices.
- A dataset of different audio frequencies is used which is then trained analysed by CNN (Convolutional Neural Network).

- Matplotlib is used to plot the data in a graphical format which enhances the user experience.
- Tech stack: **Python, TensorFlow, Keras, CNN, Matplotlib.**

E-commerce Segregation ([Web Link](#), [Code Link](#))

Aug 2021 - Sep 2021

- A dataset of customers is taken which shows their time spent on web and app which is then trained analysed by TensorFlow
- K-means Clustering is used for segregating the data on basis of session length.
- Matplotlib is used to plot the data whether the customer is a Royal customer in a graphical format which enhances the user experience.
- Tech stack: **Python, TensorFlow, Keras, Matplotlib.**

Certifications & Training

- **HackerRank JavaScript Basic Certificate** – Earned **JavaScript** Certificate from HackerRank by completing the coding challenges (2024).
- **HackerRank CSS Certificate** – Earned **CSS** Certificate from HackerRank (2024).
- **HackerRank SQL Certificate** – Earned **SQL** Certificate from HackerRank (2024).
- Successfully completed training on **HTML, CSS, Bootstrap.**
- Successfully completed training on **android** technology.
- Successfully completed training in **asp.net.**