

# Debjyoti Das

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## Education

<b>Amrita Vishwa Vidyapeetham</b> 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, Cloud Computing	
<b>Gargi Memorial Institute of Technology</b> Kolkata, India	2014 - 2018
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:** Restful Api
- **Databases:** MySQL
- **Testing Tool:** Cypress, BrowserStack
- **Platforms:** Linux, Windows, Android Studio, VS Code, Jupyter Notebook, Anaconda, Sublime

## Experience

<b>SIEVA NETWORKS Pvt Ltd</b>   Associate Software Engineer	Nov 2021 – Present <i>Kerala, India</i>
<ul style="list-style-type: none"><li>• Enhanced user experiences on <b>SIEVA NETWORKS &amp; Matrack</b>, Portals by debugging the portal <b>resolving bugs &amp; reduced load time by 30%</b>.</li><li>• Engineered an innovative Fuel Finder app employing technologies such as HTML5 and Bootstrap while leveraging PHP alongside MySQL to securely store user information like contact details at scale.</li><li>• Achieved <b>99.9% uptime</b>, with the app consistently delivering accurate data across both <b>iOS</b> and <b>Play Store</b> platforms, gaining over <b>5,000 downloads</b> and receiving a <b>4.5-star rating</b>. Contributed to the growth of <b>Sieva Networks Pvt Ltd</b> by successfully implementing <b>responsive UIs</b> in company's various projects (<b>web, app</b>), leading to a <b>16% increase in user engagement</b>.</li><li>• Working closely with <b>clients</b> and <b>cross-functional departments</b> to communicate <b>project status</b> and proposals and <b>troubleshooting</b> in case any bugs arise in the live server and communicating key <b>project data</b> to team members and building cohesion among teams.</li></ul>	
<b>SIEVA NETWORKS Pvt Ltd</b>   Associate Software Engineer Intern	Oct 2021 - Nov 2021 <i>Kerala, India</i>
<ul style="list-style-type: none"><li>• Applying best practices and standard operating procedures for developing and testing new software features and fixing newly raised bugs which helped in increasing the <b>code efficiency</b> and reducing the old <b>existing bugs by 25%</b>.</li><li>• Developing high converting <b>landing pages</b> and newsletters mainly using <b>HTML, CSS, Bootstrap</b> and <b>JavaScript</b> incorporated with sign up and sign in pages and also storing the user info in the database.</li><li>• Developing and executing project plans such as displaying current location of customers and their travel log reports which improved the quality of the <b>app as well as website by 10%</b>.</li></ul>	

## Projects

<b>Admin Dashboard</b> ( <a href="#">Web Link</a> , <a href="#">Code Link</a> )	Aug 2024 - Oct 2024
<ul style="list-style-type: none"><li>• Admin Dashboard with a user-friendly interface for managing users, content, and analytics data.</li><li>• Implemented advanced libraries and frameworks to modernize the dashboard interface; improved user engagement by 40% and increased data retrieval speed by 25%, resulting in enhanced decision-making for 20+ users across departments. Built using <b>React</b> for dynamic, fast rendering and <b>Material UI</b> for responsive design and theming.</li><li>• Incorporated features like <b>real-time data visualization</b>, user management, and settings.</li><li>• Implemented routing and state management using <b>React Router</b> and <b>Context API</b>.</li><li>• Optimized the dashboard for performance and scalability, ensuring responsiveness across different screen sizes.</li></ul>	
<b>E-commerce shopping page and cart</b> ( <a href="#">Web Link</a> , <a href="#">Code Link</a> )	Dec 2022 - Jan 2023
<ul style="list-style-type: none"><li>• E-commerce shopping page with good <b>user interface</b> where user can choose any item and put the item in cart.</li><li>• User can also increase or decrease the number of similar items in the cart with the total price during checkout.</li><li>• Tech stack: <b>JavaScript, HTML, CSS, jQuery, Bootstrap</b>.</li></ul>	
<b>Weather Forecast Application</b> ( <a href="#">Web Link</a> , <a href="#">Code Link</a> )	Apr 2024 - May 2024
<ul style="list-style-type: none"><li>• Dynamic Weather Forecast App created using <b>React JS</b> which forecasts the temperature, humidity, air pressures, climate for city entered by User.</li><li>• 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.</li><li>• User can enter city name and can view the wind pressure, date and local time and humidity level.</li><li>• Tech stack: <b>React JS, Tailwind CSS, Material UI, HTML, npm</b></li></ul>	
<b>Web Based Dice Game</b> ( <a href="#">Web Link</a> , <a href="#">Code Link</a> )	Jan 2023 - Mar 2023
<ul style="list-style-type: none"><li>• An <b>interactive</b> web-based dice game using HTML, CSS, <b>JavaScript</b> for two players offering a dynamic and engaging gaming experience.</li><li>• Implemented user-friendly interface allowing seamless interaction for players.</li><li>• Tech stack: <b>HTML, JavaScript, HTML, CSS</b>.</li></ul>	

#### 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.
- Enabled users to perform **CRUD** operations (Create, Read, Update, Delete) on location entries, ensuring a robust data management system and 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 analyzed 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 analyzing 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**.

#### Certifications & Training

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- **HackerRank JavaScript 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**.