

Devleena Das

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PROFESSIONAL SUMMARY

A final year Computer Science student with expertise in full stack development, AI tools, machine learning and UI/UX design. Led projects, mentored peers, and organized technical events. Passionate about driving diversity in tech and enhancing problem-solving skills through DSA practice. Skilled in building impactful solutions and fostering inclusive communities.

TECHNICAL SKILLS

Languages : C++, C, Python, Java, SQL, JavaScript, TypeScript, HTML, JSON, CSS, Sass
Frameworks : ReactJs, NextJs, ExpressJs, React Native, Expo, TailwindCSS, MaterialUI, Bootstrap, FastAPI
Libraries and Tools : TensorFlow, NumPy, Pandas, Scikit-learn, Git, GitHub, Figma, AdobeXD, Android Studio, MongoDB Compass, Firebase, Google Colaboratory, Postman, MySQL Workbench, PostgreSQL, Vite
Others : GenAI, MCP (Model Context Protocol), Agentic AI, Design Patterns, Debugging, Root Cause Analysis

EXPERIENCE

Co-Founder | SHEvolution September 2023 –Present
- Established Shevolution, a tech community dedicated to empowering women in technology with mentorship, guidance, and opportunities.
- Curated and led 7 sessions which included guest speakers from top tech companies; enriched participant knowledge and engagement, with an overall increase in attendance by 25 percent compared to previous events.
- Designed interactive DSA practice session engaged over 50 attendees, promoting diversity in tech and providing mentorship opportunities for participants.
Core Team Member | Google Developer Students Club May 2022 – July 2024
- Coordinated 3 technical events and 2 workshops for Google Developer Students Club, enhancing learning opportunities and community engagement.
- Managed and executed projects, including UI/UX challenges and one hackathon, to foster hands-on experience and innovation among students.
- Facilitated collaboration and knowledge sharing within the tech community, driving growth and participation in GDSC activities.

EDUCATION

Kalyani Government Engineering College	B.Tech in Computer Science and Engineering CGPA : 8.5	2021 – 2025
Ashoknagar Banipith Girls High School	Secondary and Higher Secondary Percentage : 92	2012 – 2020

PROJECTS

Image Captioning System | Python, PIL, NumPy, Depth Anything V2, Kosmos-2, Gradio April 2025
- Developed a depth-aware image captioning system integrating Depth Anything V2 for depth estimation and Kosmos-2 for multimodal vision-language understanding.
- Designed a web-based application using Gradio to generate richer and context-aware captions from images, leveraging both visual and depth cues.
- Implemented preprocessing pipelines for image and depth map generation and optimized the model inference for efficient real-time captioning.
- Integrated frontend and backend systems to create a seamless user experience, facilitating smooth interactions and data flow within the application.
Reloop | Python, FastAPI, Stramlit, ReactJs, Vite, MongoDB, NodeJs, ExpressJs, NumPy, Pandas, Scikit-learn August 2024
- Architected the project’s overall design and infrastructure, ensuring a scalable and efficient solution for managing logistics data.
- Implemented data processing pipelines to analyze and optimize supply chain operations, improving data accuracy and decision-making.
- Integrated machine learning models to predict return and exchange rate to manage inventory more effectively, contributing to enhanced operational efficiency.
- Collaborated with team members to develop user-friendly dashboards and reports for visualizing key metrics and insights, facilitating better strategic planning.
AccessRide | React Native, Expo, Firebase, Google Maps API July 2023
- Designed and developed the mobile application using React Native and Expo, creating a seamless and user-friendly interface tailored for accessibility.
- Integrated Firebase for authentication, real-time data management, and backend functionalities, ensuring secure and efficient operations.
- Optimized app performance and accessibility features, ensuring a smooth and inclusive experience for users with disabilities.

ACHIEVEMENTS

500+ Problems Solved Leetcode	Ongoing
Finalist Smart India Hackathon	September 2023
First Runner Up inCode Hackathon	August 2023
First Runner Up HackFest	October 2022
Google UX Design Professional Certificate Coursera	December 2022