

SIDDHI GUBRELE

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Education

PDPM Indian Institute Of Information Technology Design And Manufacturing

Dec. 2021 – Present

Bachelor of Technology in Computer Science and Engineering

Jabalpur, Madhya Pradesh

GVN The Global School Govindpura (BHEL)

April, 2019 – 2021

Class 21th CBSE - 90.02%

Bhopal, Madhya Pradesh

Experience

Amazon Development Centre India Pvt. Ltd.

May 20, 2024 – July 12, 2024

Software Developer Engineer Intern

Hyderabad, Telangana

- Developed an independent full stack **Voice of Customer User Research Tool** to gather feedback from customers as they use the device/apps and assimilated the same in customer purchase journey flow.
- Engineered a scalable and multifaceted **DynamoDB database** schema that stores customer metadata and feedback, improving data retrieval efficiency by 40% and enhancing the flexibility of the feedback widget.
- Devised **APIs in Java** for deciding if the given customer on current flow should be rendered the feedback widget or not by using **evidently** and API which interacts with the database to fetch the customer data, update metadata received.
- Created feedback widget UI assets as a **React-Native** library which was integrated with existing **SDK** and complete widget was **100% unit tested** and fully functional.

Projects

1. FocusMate

- FocusMate is an intuitive task management and scheduling tool which is designed to help users organize, prioritize, and complete their daily tasks efficiently while simultaneously keeping track of unfinished tasks.
- Developed a responsive user interface with JavaScript, integrated seamlessly with Mongoose and MongoDB Atlas, leading to a 35% improvement in user data processing and querying speed.
- Incorporated **Async/await** and **Promises** to enhance its scalability, speed and further making the code more efficient for handling asynchronous operations.

2. Wanderlust : Book hotels anywhere

- Built a website as a part of 3 people team that enables visitors to book a hotel room based on location, cost, and other factors as well as browse details about well-liked tourist sites in the neighborhood.
- Formulated the backend utilizing **PHP** and **MySQL** to operate on the database. Also, worked on 3 of website's pages.

Technical Skills

Languages: C++, Python, Java, C, Ts, HTML/CSS, JavaScript, SQL

Frameworks/Databases: ReactJs, React-Native, NodeJs, ExpressJs, DynamoDB, MongoDB, Mongoose

Other skills: AWS Resources, git, github, JUnit, cloud-computing, REST APIs, CI-CD

Coding Profiles: [geeksforgeeks](https://leetcode.com/), [Leetcode](https://leetcode.com/)

Relevant Coursework

Courses: Data Structures and Algorithms, Operating System, Object Oriented Programming, DBMS, SDLC

Achievements

Google Generation Scholar

2023-24

The Generation Google Scholarship (APAC)

- Awarded the highly selective Generation Google Scholarship, recognizing outstanding women in computer science, and selected for mentorship from a pool of over 5,000 applicants.
- Received an amount of 2,500 USD as scholarship award from **Google** supported by **Scholarship America, Inc. (SAI)**.

Leadership / Extracurricular

Positions of Responsibility

- * **Programming Guide** (2023) in Programming Club of my college and mentored a group of 15 juniors in realm of coding.
- * **Student Mentor** (2023) in Counselling Committee to help 10 girls at college with their academic and personal problems.

Extracurricular

- * **Makeathon** - Participated in American-Express **hackathon** and innovated a blockchain based **E-wallet** for keeping track of user's currency along with a voice bot and made use of Node/Express for backend and MongoDB for processing data.
- * Won intra college hackathon by developing a website that fetched real-time **cryptocurrency** data using **rapid API**.