Bijit Mondal

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EDUCATION

RAMAKRISHNA MISSION VIVEKANANDA CENTENARY COLLEGE
B.Sc in Computer Science
Sept 2021 - May 2024 | CGPA 8.96 (Ongoing)

DEBNAGAR MOKSHADA DINDA HIGH SCHOOL
PCM with computer science
June 2019 - July 2021 | 89 Percentage

COURSEWORK

UNDERGRADUATE
Object Oriented Programming
Data Structures
Analysis and Design of Algorithm
R-DBMS
Cloud Computing
Discrete Math
Computer Networking

SKILLS

PROGRAMMING
Languages:
• Advance:- Java
• Intermediate:- C, JavaScript, PHP
• Novice:- C++

Tools:
• Git • Linux • Vim • GCP Compute Engine • GCP App Engine • Spring Tool Suite • Firebase

Framework & Library:
• Spring Boot • Vue JS • Capacitor JS • Laravel • Livewire

Technologies:
• Docker • SQL

LINKS

Github:// Bijit-Mondal
LinkedIn:// bijit-mondal-3b196721b
GFG:// bijitmoni1oj

EXPERIENCE

NATIONAL INFORMATICS CENTER | Summer Intern
June 2023 - August 2023 | Salt Lake Sector II, West Bengal

BACK-END | Laravel
- Reduced the manual efforts to keep track of expenses made by Political Party or Individual Candidate before Election
- Keep record of price of essential products location wise

FRONT-END | Tailwind, Alpine, Livewire
- Develop responsive and functional UI

GIT
- Learned Git Feature Branch Workflow which enables multiple developers to work on a particular feature without disturbing the main codebase

JWOC | Mentee
Feb 2022 - March 2022 | Remote
- JWOC is an Open Source Contribution event
- Learned to contribute to open source projects
- Ranked 19 in the month long program

PROJECTS

LIBRARY MANAGEMENT SYSTEM | Vue JS, Firebase | Demo Video
- Web App to keep track of students borrowing and returning books and adding books to library
- Developed a robust web app on Firebase, leveraging **Vue JS**, **Firestore**, and **Algolia**; optimized performance and reduced load time by **40%,** resulting in a seamless user experience.
- Achieved **94 Lighthouse Score**
- Implemented Role Based Authorization
- Link: **Github** | **Website**

SPOTON | Java, Spring, MySQL, Vue JS, Capacitor JS
- Implemented **geolocation** technology in SpotOn's attendance management system, allowing students to check in within teacher-specified areas, streamlining attendance tracking and reducing manual data entry by **80%**.
- Reduced instances of proxy attendance, previously prevalent, resulting in a **20% decrease** in unauthorized check-ins.
- The app is being developed with **Spring**, **MySQL**, **CapacitorJS** and **VueJS** and uses Google App Engine to deploy the back-end.
- Used **Capacitor** to develop native Android app.
- Used **Spring Security** to implement **Role Based Authorization**
- Front-end Link: **Gitlab** | **Website**