Vivek Jaiswal

Cuttack, Odisha

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Education

Indian Institute of Technology, Kharagpur	**December 2020 - June 2024**
Bachelor of Technology in Computer Science and Engineering (CGPA of 8.63)	*West Bengal, India*
LR DAV Public School, Cuttack	**June 2018 - May 2020**
All India Senior School Certificate Examination (Percentage of 94.8)	*Odisha, India*

Experience

Sprinklr	**May 2023 – July 2023**
Product Engineer Intern - Backend	*Gurgaon, India*

* Created On Call Alert Escalation System which on getting alert from monitoring system will call the engineers by mailing them and when engineer responded within time limit, it will get acknowledges the alert else call another engineer.
* Integrated Groovy Scripts Binding and Running to distribute alert among the teams.
* Built REST API using Java Spring Boot.

Projects

Connect-DEV | *NodeJS, MongoDB, ExpressJS, ReactJS and Redux* | Github Link   **May 2022**

* A discussion forum where developers can post their development queries and have discussion with fellow developers for the solution
* Implemented authentication functionality using **JWT** and encrypted passwords using **bcrypt**
* Created the web app using **MERN** stack with **NodeJS** at backend, **MongoDB** as database and **ReactJS** at front end

Hospital Management System | *NodeJS, MySQL, ExpressJS and EJS* | Github Link   **Febuary 2023**

* An multi-user interactive website which describes complete hospital management system where users are of front-desk receptionist, doctor, data-reports entrist and admin.
* Implemented authentication functionality for individuals using **Json Web Token (JWT)**.
* **Front-desk receptionist** can register a new patient and allot regular and emergency appointments to the doctor and also test appointments. **Data-Report Entriest** can add test reports to the patient and add multimedia to it like X-Rays and PDF Report. **Doctors** will be mailed for daily appointments schedule and will be alerted for **emergency** by mail. They can have any information for any patients through it. **Admin** can delete any users in the system.
* Created the web app with **NodeJS** at backend, **MySQL** as database and **EJS** at front end.

Competition

* Highest rating of **1708** at Codeforces, which is the top site in terms of participation of programmers across globe.
* Highest rating of **1983** at Codechef as per current rating system and **2109** as per old rating system, which is the top site in terms of participation of programmers in India.
* Global Rank **520** and **659** at Google Kickstart 2022 Round A and Round C respectively .
* Global Rank **52** at CodeChef Starters 42 Division 2.
* Global Rank **766** at Codeforces Round #793 (Div. 2).
* Ranked **6** at Codenite 2021 and Awarded Best 2nd Year Team at Kharagpur in 2021.

Awards and Achievements

* All India Rank **949** in Joint Entrance Examination (**JEE**) Advanced 2020 out of more than 0.16 million candidates.
* All India Rank **923** in Joint Entrance Examination (**JEE**) Mains 2020 out of more than 1.2 million candidates.
* All India Rank **469** in Kishore Vaigyanik Protsahan Yojana (**KVPY**) 2019 out of more than 0.12 million candidates.
* Qualified for Indian National Mathematics Olympiad (**INMO**) 2020 which only **840** students among all gets qualified

Profile Links

Codeforces   Codechef   Github

Technical Skills

Languages: C++, Python, Java, HTML/CSS, JavaScript, MongoDB
Technologies/Frameworks/Libraries: NodeJS, ReactJS

Coursework Information

Completed Theory: Algorithms I, Software Engineering, Switching Circuits and Logic Design,Discrete Structures, Probability and Statistics, Formal Language and Automata Theory
Completed Laboratory: Algorithms I, Software Engineering, Switching Circuits and Logic Design, System Programming

Position of Responsibilty

Coordinator | **CodeClub**

* **Encouraged freshers** for competitive programming by assisting in orgaising multiple pan campus competitions
* Responsible for holding selection among **50+ freshers** through interview to aid selection of new club members
* Setting and Testing the Basic Level Contest for Fresher's (**FreshersNite**)
* Setting and Testing the Contest for Coders of India **CodeNite 2022 Sponsored By Mercor**.