


Shivam Agarwal



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EDUCATION

- **Institute of Engineering and Management** Kolkata, India
Bachelor of Technology - Information Technology; GPA: 9.82(3rd Sem) Dec 2020 - Present
- **D.A.V Model School** Durgapur, India
10+2 Equivalent; Percentage: 87.67 Apr 2018 - Oct 2020

SKILLS

- **Languages:** C/C++, Java, Python, JavaScript, SQL, Bash, PHP
- **Frameworks:** ReactJs, JQuery, Bootstrap, MongoDB, Django, Tkinter, NodeJS, Kubernetes
- **Tools:** Docker, GIT, MySQL
- **Platforms:** Linux, Web, Windows, AWS

EXPERIENCE

- **Full Stack Web Developer Intern - Vidyayan** Remote
(Part-time) Nov 2021 - Dec 2021
 - **UI/UX:** Added functionalities to the front end using **ReactJS** to enhance user experience.
 - **API for Fetching Data:** Fixed bugs in the services through API testing using **Postman API**.
 - **Database:** Worked on backend technologies like **PHP**, **MySQL** and in database like **MongoDB**.

PROJECTS

- **Rzume - (Code) Resume Generator Website (HTML, CSS, JS, ReactJS):** Used **ReactJS**, **material-UI**, **particleJS**, **slick carousel** for frontend • Used form-validation for Login and Sign-up • Solves problem of better and creative designable skill based CV
- **Seeking (Code) Job Portal (PHP, MySQL):** Fully working Job Portal website with the essential features • Made with **PHP+MySQL+HTML+CSS+JS** • Features like apply and post job, employer and employee login, all admin databases
- **Jack Game (Code) using DSA:** Designed developed a Web App with back-end on **PHP** front-end using **HTML, CSS, JS Bootstrap**. • Added feature for user to minimize the number of moves of a frog using **greedy algorithm** and **Dynamic programming**.
- **Ether Hunt Game (Code) :** Designed developed a Web App with back-end on **Solidity Truffle** front-end using **ReactJS, Tailwind CSS, JS Bootstrap**. • Made a ethereum blockchain game connected to metamask wallet where players have to enter into a particular area in map to find treasure.
- **Splitwise Cashflow minimization (Code) :** Created from scratch a social network and a graph network based on the DSA idea • Tech: **PHP, HTML, CSS, JavaScript** • Designed an algorithm/directed graph network by which the total cash flow among all the friends is minimized.

LICENSES AND CERTIFICATIONS

- Social Networks
- Introduction to Cloud Computing
- Introduction to Devops and SRE
- Google Kickstart 2022
- Introduction of Python and Django
- Data Structure and Algorithms

ACHIEVEMENTS

- 4* at Codechef(max. 1819), Specialist at Codeforces(max. 1443), 3* at Leetcode(max. rating 1563)
- Solved 500+ Problems on Leetcode
- AIR 552 in Coding Ninja's Codekaze 2022
- Winner of AI/ML poster Competition in College
- Participated in many hackathons and open source contributions like hacktoberfest, diversion, etc.

VOLUNTEER EXPERIENCE

- **President at Newton School Coding Club NSCC** India
Conducted online technical & soft-skills training, coding competitions impacting many students. July 2022 - Present
- **Community Member at Google Developers Group Kolkata, Codechef IEMK Chapter** Kolkata, India
Organized events, conducted workshops and delivered workshops reaching over 7000 developers. Sep 2021 - Present
- **Community Volunteer at Hack2skill and Dev's Dungeon Community** Kolkata, India
Organized events, conducted workshops and delivered workshops reaching over 7000 developers. Sep 2021 - Present