OM SHAW

Information Technology Senior Exploring the tech world interested in Software Development

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EXPERIENCE

SAMSUNG RESEARCH INSTITUTE BANGALORE

Software Development Intern

📅 June 2022 – August 2022   📍 Bangalore,India

- Worked with team on profiling and tracing of Samsung Pay Android app.
- Experience with performance analysis using Perfetto SDK API and UI tools.

EDUCATION

B.E (IT) - 8.3 CGPA

Jadavpur University

📅 August 2019 – May 2023

Senior Secondary - 90.2%

Central Board of Secondary Education

📅 2019

Secondary - 8.6 CGPA

Central Board of Secondary Education

📅 2017

TECHNICAL SKILLS

- **Programming Languages**: C++, Java, Python, C
- **Web Backend**: Node.js, Express, PHP
- **Web Frontend**: JavaScipt, React.js, HTML, CSS, jQuery
- **Database**: MongoDB, MySQL
- **Tools**: Git, Perfetto

KEY COURSES TAKEN

Academics: Data Structures, Algorithms, Object Oriented Programming, Operating System, Database Management System, Machine Learning

ACHIEVEMENTS

- 4 star(1839 Rating) on Codechef, profile
- Knight Badge, 1994 Contest Rating (Top 2.84%) on Leetcode, profile
- Awarded ONGC 19 Scholarship for academic excellence
- Intermediate Problem Solver at Hackerrank, certificate

PROJECTS

Biometric Template Protection Scheme

📅 August 2022 – May 2023

- Research and Development on Face Biometric Template Protection using Deep Convolutional Neural Networks. Hybrid approach is used using CNN and Cryptographic Algorithms. Performance is evaluated on different face datasets.

Chat App chat-app-vcik.onrender.com

📅 September 2021 – March 2022

- Online web chat application having authentication and password encrypted features.
- Realtime chat implemented using Socket.io on Nodejs Server.
- Create or join many chat rooms, update profile, start chatting using emoj's and voice typing feature.
- Website is hosted on Render.
- Techstack: Node.js, Express, MongoDB, JavaScript, EJS, CSS, HTML
- Codebase: Github.com/omshaw/chat-app

Weather Application weather-app-1npf.onrender.com

📅 August 2021 – September 2021

- Get weather information based on City or location name.
- Implemented using third party API from OpenWeatherMap.
- Techstack: ExpressJS, CSS, HTML
- Codebase: Github.com/omshaw/weather_app

Recipe App recipe-app-10ye.onrender.com

📅 February 2021 – March 2021

- Get the Recipe of your dish along with the required ingredients.
- Implemented using third-party API from Edamam.
- Techstack: React.js, CSS, HTML, JQuery
- Codebase: Github.com/omshaw/recipe-app.