SHRIDHAR PANDEY

Software Development Engineer

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HackerRank | Linkedin | GitHub

EDUCATION

University of Mumbai   Maharashtra, India
Computer Science B.Sc.   April 2021 - April 2024
CGPA: 8.27

EXPERIENCE

Inspiroz IT Services | Associate Software Engineer   Navi Mumbai, India | October 2024 - Present
- Contributing to **Inspiroz Insights**, a flagship product that **delivers data-driven insights** to **US Charter Schools**.
- Utilizing **React**, **Express**, **Node.js**, and **SQL** to enhance platform performance, scalability, and user experience.
- Successfully **migrated the application** from **Create React App (CRA)** to **Vite**, making the application future proof.
- Led a **complete UI redesign and redevelopment** from scratch, modernizing the interface, **enabling dark theme** for the platfrom and **ensuring full responsiveness** across all screen sizes, optimizing usability for diverse devices.
- Refactored the entire frontend codebase, **reducing 3,000+ lines of code** by implementing a **component-based architecture**, enhancing maintainability, flexibility, and scalability.

SKILLS

Programming Languages:	Java, JavaScript, TypeScript, PHP
Libraries/Frameworks:	Spring Boot, Express, Angular, React
Tools / Platforms:	Node.js, Git/GitHub, Google, ChatGPT
Databases:	MySQL

PROJECTS / OPEN-SOURCE

Social Media Application | Link   *HTML, CSS, Typescript, Angular, Java, SpringBoot, MySQL*
- With this application, I was aiming to build a **Lightweight Social Media Platform** as my **Capstone Project** at **Edubridge's "Capgemini Certification Program in Java Full Stack"**.
- The application has only **one interface** i.e. **User** Interface.
- **No email or phone number is required** for registration, just **a unique username and password is enough (privacy on top)**.
- **User can see other user's posts**, It can also **create**, **edit** and **delete** posts.
- **Post** can be **only images** (for now)
- I am currently working on this project!

Achievers Home Website | Link   *HTML, CSS, JavaScript, PHP, MySQL*
- With this project, I was aiming to solve the problem of **handling the students data** for the "Achievers Home" - a home tutorial for primary and secondary students.
- It has **three interfaces** i.e. for **students**, for **admin**, and for **visitors**.
- A Student can upload its **homework**, update its **profile (including picture)**, watch its **test history** and keep an eye on its **upcoming tests**.
- An Admin can **update** the homework, **manage** test history and upcoming events, etc. **for each student or class-wise**, which **reflects** directly in the student inferface.
- A visitor can **visit and know** about Achievers Home and **get in touch** with them.
- And yes, the website is **live** and **responsive!**

JavaScript Concepts | Link   *HTML, CSS, JavaScript*
- With this project, I was aiming to **demonstrate my understanding** of the **Core JavaScript concepts**.

- This project **consists of various Mini Projects**.
- It includes **demonstration of concepts** like **DOM Manipulation, Event Handlers, Objects, Types of Functions, Flow Control, Iterations, XMLHttpRequests, Fetch API**, etc.
- The project is **least bothered** with **HTML** and **CSS**.

CERTIFICATIONS

- Certification Program in Java Full Stack Development - **Edubridge | Capgemini**
- Problem Solving (Intermediate) - **HackerRank**
- Maharashtra State Certificate in Information Technology (MS-CIT) - **MKCL | MSBTE**