

# Shubham Aswal

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## EDUCATION

**Shankara Group of Institution**

*Bachelor of Computer Application*

October 2021 – September 2024

*CGPA: 7.5/10*

## EXPERIENCE

**PHP Developer, Intern - Hottrix IT Services**

August 2023 – January 2024

**Ticketing System Integration** | PHP, SQL, Javascript, Bootstrap

- Developed a secure authentication system featuring sign-up, login, and password management, enhancing user experience while safeguarding sensitive data with industry-standard protocols.
- Leveraged the **Zimbra Mail** API for seamless **ticket creation** and validation, efficiently storing data in the tickets and ticket history tables, which optimizes support operations.
- Implemented a dynamic ticket retrieval system using randomly generated IDs, coupled with automated email notifications via **PhpMailer**, enabling admin functionalities for efficient ticket assignments and status updates.

**Payroll System** | CodeIgniter, MySQL, Javascript, TailwindCSS

- Engineered a robust payroll system in **CodeIgniter**, implementing secure **user authentication** with login and logout capabilities to ensure data protection and access control.
- Integrated an **Attendance management** module to track employee attendance, alongside efficient management of employee, salary, and deduction records using MySQL.
- Developed functionalities for gate passes, holiday management, and **leave application workflows** with multi-tiered approval processes, along with generating comprehensive payroll and attendance reports for analytical insights.

## PROJECTS

**Ede-Techy** | *ReactJs, NodeJs, ExpressJs, MongoDB, Mongoose, Tailwind*

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- Developed a dynamic **MERN stack application** with TailwindCSS for seamless user experiences. Catering to admins, instructors, and students, it offers intuitive navigation and engaging design.
- Enabled instructors to create and manage courses effortlessly while providing students with vibrant learning experiences. Robust review and rating features foster high-quality education and engagement.
- Integrated **Razorpay** for secure, streamlined payments, allowing students to easily **purchase courses**. This ensures reliable revenue streams for instructors, enhancing the financial ecosystem.
- Implemented **JWT authentication** and **Email verification** for secure account management. Leveraged React Router DOM and **Redux Toolkit** to create a smooth, intuitive journey for all roles.

**Chat App** | *ReactJs, NodeJs, ExpressJs, MongoDB, Mongoose, Tailwind*

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- Developed a robust platform with user authentication, enabling secure login and signup processes using JWT token. This ensures a seamless onboarding experience for users.
- Integrated **Socket.io** to facilitate instantaneous user **chat functionality**, allowing for smooth and dynamic conversations. This enhanced user engagement and created an interactive environment.
- Crafted a responsive and visually appealing user interface using **TailwindCSS**, ensuring optimal usability across devices. The design promotes an intuitive user experience, making chat interactions effortless.

## TECHNICAL SKILLS

**Languages:** C/C++, JavaScript, PHP, HTML/CSS,

**Frameworks:** ReactJs, NodeJs, ExpressJs, Mongoose, Tailwind, Redux Toolkit, CodeIgniter, REST APIs

**Databases:** MongoDB, MySQL

**Concepts:** DSA, OOPs, CN, DBMS

## CODING/ OTHER PROFILE

**LeetCode:** Mastered problem-solving by solving **395+ data structure and algorithm** questions on LeetCode.

**GeeksForGeeks:** Enhanced algorithm and data structure skills by solving **130+ questions on GeeksforGeeks**.

**TypeRacer:** Ranked in the top 1 percent on **TypeRacer**, demonstrating exceptional typing speed and accuracy.