Palash Sahu

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SUMMARY

I'm a Computer Science **Post Graduate** with hands-on practice experience in building secure, scalable web applications using **Java, Spring Boot, Node.js**, and **RESTful APIs**. I have a solid foundation in **data structures, design patterns**, and **JWT-based authentication**, and I enjoy solving real-world problems through clean, efficient code. Skilled in working with **MySQL, MongoDB, and Git**, I'm eager to grow in building scalable, efficient systems.

SKILLS

- **Programming Languages**: C, C++, Java,JavaScript .
- **Web Technologies**: Node.js, HTML5, CSS3, Bootstrap, RESTful APIs.
- **Frameworks**: Spring Boot, Microsoft.net.
- **Databases**: MySQL, MongoDB.
- **Other**: Data Structures & Algorithms, JWT-based Authentication, Design Patterns, Git.

EDUCATION :

Master of Computer Applications (MCA)
Dr. Harisingh Gour Central University
July 2022 – July 2024
CGPA: 8.15 / 10

Bachelor of Computer Applications (BCA)
Gyanveer Institute of Management and Science
2019 – 2022
Percentage: 75.04%

Post Graduate Diploma in Advanced Computing (PG-DAC)
Centre for Development of Advanced Computing (CDAC), Bangalore
Expected – July 2025
GPA: A

PROJECTS

AlumniEcho – A University Alumni Connect Platform GitHub Repository

Designed and developed AlumniEcho, a full-stack web platform that bridges the gap between university alumni and current students. The platform facilitates networking, mentorship, and career guidance through features like alumni directories, messaging, job postings, and event management.

Key Features:

- Alumni Directory with advanced search and filter options (by batch, industry, location).
- Secure Authentication for alumni and students using JWT and role-based access.
- Job Board where alumni can post opportunities for studentsin Communities.
- Admin Dashboard to manage users, content, and analytics.

Role and Contributions:

- Led the backend API development and integrated RESTful services.
- Implemented user registration, login, and profile management modules.
- Designed responsive UI for seamless user experience across devices.

Gupshup - Chatting Application   GitHub Repository

- Developed a full-stack real-time chat application ("Guphup-Application") using **React.js**, **Node.js/Express.js**, and **MongoDB**.
- Implemented user authentication features including user registration, login, and session management.
- Integrated **Socket.io** to enable real-time messaging functionality for both group and private chats.
- Built secure **REST APIs** for user management and message handling using **Express.js**.
- Configured the backend server to manage **WebSocket** connections and real-time data communication.
- Utilized **MongoDB** for storing user profiles, chat history, and group information.

Warrior Fitness Gym Website   Live Website

- Created **responsive website** using **HTML, CSS,BootStrap, and JavaScript**, ensuring compatibility across all devices.
- Showcased gym services, facilities, and https://www.linkedin.com/notifications/?membership plans with clean UI/UX design.
- Deployed the website via **Hostinger**, managing **domain setup** and **SSL certification** using **Google Domains** for secure public access.
- Optimized for performance and accessibility to enhance user experience.

EXPERIENCE

Web Development Intern ([Certificate](#))

Apptech IT Solution | Jan 2022 – April 2022

- Assisted in the maintenance and updates of existing web pages
- Developed UIs using JavaScript, HTML, CSS
- Learned to use web development tools and version control systems such as Git.
- Demonstrated good work ethics, communication, and analytical skills

CERTIFICATES & ACHIEVEMENTS

- **DATA STRUCTURES CERTIFICATION** – *Udemy*   [Certificate](#)
  Gained strong foundational knowledge in data structures
  and algorithmic problem solving.
- **APPTECH CERTIFIED PROFESSIONAL** – *APPTECH*   [Certificate](#)
  Recognized for demonstrating key competencies in
  software development and industry best practices.
- **CURRENTLY ENROLLED IN CDAC-DAC** – *CDAC Bangalore (2025)*
  Pursuing the prestigious Post Graduate Diploma
  in Advanced Computing to become industry-ready with
  hands-on training in advanced technologies.
- **HACKERRANK STREAKS BADGE** – *HackerRank*
  Awarded for consistent daily coding activity, demonstrating
  dedication to continuous learning and problem-solving.

I regularly practice and share my development work on GitHub. Feel free to explore my projects here: github.com/shanupalash