Bhargaw Pradhan

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SKILLS

- **Languages**: C/C++, JavaScript, TypeScript
- **Frameworks & Libraries**: ReactJS, NodeJS, Express, HTML and CSS, Bootstrap, TailwindCSS
- **Tools & Platforms**: MySQL, MongoDB, Git, GitHub, Figma, Postman, Vercel,
- **Core CS Fundamentals**: DBMS, OS, CN, SQL, OOPs
- **Soft Skills**: Time Management, Leadership, Problem-Solving, Adaptability, Quick Learner

WORK EXPERIENCE

Freelancer - Hewlett Packard Enterprise — Jun' 25 – Sep' 25
- Built robust web solutions for HPE, including responsive front-end interfaces, scalable back-end services, and secure authentication workflows with optimized API performance.
- Partnered with HPE engineers to design, refine, and deploy mission-critical features, ensuring reliability, maintainability.
  Technologies: Restful API, React, Node.js, and MongoDB.

INTERNSHIP

Deloitte | Certificate — Aug' 25 – Sep' 25
- Designed and validated algorithm and data structure problems for Code Asylum contests, ensured correctness and engagement.
- Worked as a Teaching Assistant for Data Structures and Algorithms courses, guiding students through concepts and hands-on problem solving.
  Technologies: C++, Data Structures and Algorithms.

PROJECTS

Krish 2.0 | GitHub — Apr' 25 – Aug' 25
- Implemented Krish 2.0, an AI-driven conversational platform similar to ChatGPT, featured intelligent response generation, personalized recommendations, and robust RESTful APIs for users, products, and orders.
- Increased user engagement by **20%** through optimized **response-ranking algorithms** and strategic **UI/UX enhancements**.
- Achieved high Lighthouse scores — **Performance: 80, Accessibility: 98, Best Practices: 96, SEO: 100** — by improving system efficiency and frontend quality.
  Tech stack: ReactJS, JavaScript, NodeJS, Express, Bootstrap, MongoDB

Social Networking Connectivity | GitHub — Nov' 24 – Mar' 25
- Created a responsive full-stack auction system with real-time bidding, secure user authentication, intuitive UI/UX, and automated auction lifecycle handling.
- Engineered robust backend logic for bid tracking and timer management, ensuring seamless performance under high user load.
- Delivered a highly optimized application with robust backend logic for bid and timer management, earned top Lighthouse ratings: **Performance 97, Accessibility 100, Best Practices 100, SEO 82.**
  Tech stack: ReactJS, JavaScript, NodeJS, Express, Tailwind CSS, MongoDB

TRAINING

Fundamentals of Data Structures : Learn , Apply , And Build Projects — Jun' 25 – Jul' 25
- Developed full-stack web applications using the MERN stack, creating RESTful APIs and seamlessly integrating frontend and backend components for dynamic, user-focused experiences.
- Gained hands-on experience in modern web development practices, including version control with Git, responsive design principles, and deployment strategies to ensure efficient and scalable applications.
  Tech stack: CPP ,DSA

CERTIFICATES

- Introduction to Machine Learning – NPTEL IIT Madras| **Link** — Sep ' 25

ACHIEVEMENT

- Completed 500+ DSA problems across major platforms and secured top badges such as **HackerRank's,LeetCode,GFG** — Apr' 25

EDUCATION

Lovely Professional University — Punjab, India
Bachelor of Technology - Computer Science and Engineering; **CGPA: 7 . 0** — *Aug' 23 - Present*

Sai Vidya Mandir — Baripada, Odisha
Intermediate; **Percentage: 87%** — *Jun' 22 – Apr' 23*

Saraswati Shishu Vidya Mandir — Baharagora,Jharkhand
Matriculation; **Percentage: 94%** — *Jun' 20 - Apr' 21*