SNEHASISH DEY

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Skills

C++ | Java | Python | JavaScript | Kotlin | HTML | CSS | NodeJS | React | Embedded JS | PHP Express JS | | MySQL | Git | Java Swing | Flask | Linux Shell Scripting

Education

- **Lovely Professional University, Punjab, India** **2023 - Present**
  Masters of Computer Application | CGPA: **8.2**
- **Maharaja Sriram Chandra Bhanjdeo University, Odisha, India** **2020 - 2023**
  Bachelor of Science in Physics | CGPA: **9.03**
- **Prince College of Science, Odisha, India** **2019 - 2020**
  Higher Secondary | Aggregate: **76.77%**

Projects

Soul of India **Apr'25**

- Conceptualized and built a digital platform dedicated to **India's cultural heritage**, incorporating intuitive navigation and detailed information on 50+ historical landmarks across 29 states.
- Curated engaging content showcasing **Indian art, festivals, and cuisine** resulting in 500 daily active users on the platform and **increased user engagement by 60%** according to platform analytics.
- Integrated platform's front-end utilizing **JavaScript, CSS, and HTML**, ensuring cross-device compatibility and **improving page load times by 40%,** enhancing the user experience and engagement.
- Implemented Node.js to optimize back-end performance, leading to a **35% reduction in server response time** and **decreased bounce rates by roughly 15%** across all web pages.

Lock Box **Nov'24**

- Engineered a **secure cloud storage application** using HTML, CSS, and Flask, enabling users to seamlessly store and manage encrypted files, resulting in a **30% increase in user satisfaction** scores.
- Integrated **Google Cloud Storage**, streamlining file management processes and **reducing upload/download times by 40%**, leading to a **25% improvement in application responsiveness**.
- Fortified **OTP-based email verification** and **encryption-decryption** system, **enhancing user authentication by 60%** and **preventing 95% of unauthorized access attempts** to sensitive user data.

Camera Club **Dec'23**

- Developed Camera Club, a **front-end photography portfolio website** to showcase **high-quality images** and **blog content.**
- Enhanced user engagement for 'Camera Club' by designing an intuitive **Home Page, Blog, Gallery, Contact Page**, and **Search Bar**, while maintaining an average session duration of 3 minutes.
- Optimized **image loading times, reducing bounce rate by 10%** by following **Google's Page Speed Insights** guidelines and implementing efficient **image compression techniques**.

Certifications

- Building Web Application in PHP | Coursera **Oct'24**
- Meta Front-End Development **|** Coursera **Aug'24**
- App Development Using Java **|** Lovely Professional University **Jun'24**

Achievements

- Conducted regular testing, identifying and resolving critical vulnerabilities; the tests improved overall system resilience and were completed in 3 days.
- Optimized database queries, reducing load times by 25% and enhancing user experience on a high-traffic website.