Dev Inder Garg

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PROFESSIONAL SUMMARY

Technology enthusiast with hands-on experience in full-stack development, specializing in React.js, Node.js, and scalable web solutions. Augmented user experiences by 30% and increasing system flexibility by 40% through effective development practices. Skilled at collaborating across teams to deliver impactful software solutions. Seeking to apply technical expertise and problem-solving skills in a software engineering role.

WORK EXPERIENCE

Summer Intern   **June 2024 – July 2024**
XEBIA IT Architects India Private Ltd.   **Punjab**

- Refined user experience by implementing the **Loqate API** and **Rest Countries API**, simplified address input and streamlined tax country selection, **reducing user input errors and elevated form completion rates by 30%.**
- Architected an intuitive **UI for personal information management**, enabling seamless editing of user details. Increased user satisfaction and engagement, **boosted maintenance efficiency by 15%.**
- Facilitated cross-team collaboration and **optimized workflows**, reducing project completion time by 10%.

Research Intern   **June 2023 – July 2023**
Experiential Learning Centre   **Punjab**

- **Created custom exploits and payloads** tailored to specific vulnerabilities in **DVWA** (Damn Vulnerable Web Application). Demonstrated potential security risks, **leading to a 40% increase in the adoption of advance security measures.**
- Leveraged virtual machine technology to **simulate realistic attack scenarios** and identify vulnerabilities. Identified and mitigated security weaknesses, **resulting in 30% increase in overall security posture**.

EDUCATION

B.E. in Computer Science and Engineering   **July 2021 – June 2025**
Thapar Institute of Engineering and Technology, Patiala   **GPA:** 8.01

Higher Education   **April 2019 – May 2021**
Fortune Convent School, Punjab   **GPA:** 96.3%

PROJECTS

Campaign Management System

- **Developed a CRM system with React.js and Node.js** to streamline campaign management processes. Designed and implemented core functionalities, including real-time data synchronization and intuitive user interfaces, **enhancing efficiency and improved system capacity by 40%.**
- **Integrated Kafka as message broker** to facilitate real-time asynchronous commination and **improving system scalability by 40%.**
- **Orchestrated core campaign management features**, **cutting operational overhead by 25%** through data handling and analytics.

Medicine Scheduling App

- **Engineered an interactive web application** for medication management that systemized user engagement, **achieving a 40% improvement in medication adherence rates**.
- **Implemented real-time alerts** for medicine intake and refills, **reducing missed doses by 30%** and improving adherence to schedules.

SKILLS

Programming Languages: Proficient in C++, JavaScript, TypeScript, HTML, CSS; Familiar with Python.
Frameworks & Libraries: Expertise in React.js, Node.js, Express.js; Experienced in Redux, Tailwind CSS
Tools: Skilled in Git, Docker, Kafka, Selenium, TestNG, and AWS.
Databases: Hands-on experience with MongoDB and MySQL

CERTIFICATES

- AWS Academy Graduate - AWS Academy Cloud Foundations
- Udemy – The Complete 2024 Web Development Bootcamp by Dr. Angela Yu