Lokesh Khandelwal

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WORK EXPERIENCE

Nokia Solutions and Networks   Bangaluru, India
Software Developer Intern (worked in CNV in Network Infrastructure team)   *Aug 2023 – May 2024*

- Conducted a successful **POC for React.js integration**, ensuring seamless service independence. Developed multiple React.js pages during the deployment phase, enhancing user experience and scalability.
- Implemented a **POC for Dynamic Report Generation in React.js**, enabling customers to manipulate data dynamically for report generation. Improved customer satisfaction and provided dynamic reporting solutions.
- Utilized Spring Boot, Thymeleaf, React.js, JavaScript, Material UI, and MySQL to **build several end-to-end features** such as Super User Profile, Dynamic Report Generation, and audit file.
- Resolved critical issues including **PDF optimization, multiple bugs, and feature improvements**, enhancing features as per customer Change Requests.

PROJECTS

iStore Web :E-Commerce Website using MongoDB, Express.js, React.js, Redux.js, and Node.js
- Developed an ecommerce platform using the **MERN stack** with Redux for state management.
- Integrated Cloudinary for image uploads and MongoDB Atlas for data storage.
- Implemented **secure user authentication with JWT**, verified through Mailtrap.
- Created comprehensive admin functionalities for user and product management, order tracking, and insightful analytics using the **Nivo React library**.
- Emphasized security with data encryption, secure communication, and testing of password reset mechanisms.

iStore App : E-Commerce Mobile Application using ReactNative and expo CLI (iOS & Android)
- Implemented the same functionalities as iStore Web for mobile platforms.

Smart Waste using AI : Waste Sorting Automation with CNNs and Machine Learning in Python/TensorFlow.
- Developed an AI-driven waste segregation system utilizing TensorFlow and Streamlit.
- Integrated **CNN** for precise image recognition and trained the model to enhance efficiency in waste categorization.

CC couriers : Courier Management System using HTML, CSS, Bootstrap, PHP, and MySQL.
- Developed Parcel Tracking and Management System demonstrating **strong proficiency in MySQL database**.
- Enabled customers to **track parcels, update addresses, and provide feedback**, while administrators **manage parcel status** and view delivery history.

SKILLS

- **Languages:** JavaScript, TypeScript, Java, Python, SQL, HTML, CSS, C, C++
- **Frameworks:** ReactJS, ReactNative, Redux.JS, Spring Boot, TailwindCSS, NodeJS, ExpressJS, MySQL, MongoDB, Kubernetes, TensorFlow, expo
- **Tools:** Git, Jira, VS Code, Eclipse, IntelliJ IDEA, Jupyter, Postman

KEY ACHIEVEMENTS & AWARDS

- Achieved **AIR 207 in CodeKaze 2023** out of 137,000+ participants.
- Ranked 1st in Web Development Competition organized by Developer Student Club RNSIT.
- Solved over 500 problems on Leetcode, 4 star in codechef (1910 rating).
- Awarded for the Dynamic Report Generation POC by Nokia.

EDUCATION

RNS Institute of Technology   Bengaluru, India
Bachelor of Engineering - Computer Science and Engineering; GPA: 8.2   *2020 – 2024*

Central Academy   Alwar, India
12th(CBSE; PCM; GPA: 8.3)   *2018 – 2020*