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 – Present*

- Conducted a successful **POC for React.js integration**, ensuring seamless service independence. **Developed multiple React.js pages** during deployment phase.
- Implemented a **POC for Dynamic Report Generation in React.js**, enabling customers to manipulate data dynamically for report generation.
- 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, audit file, etc.
- Resolved several **15+ bugs and feature improvements** and enhanced features mentioned in Change Requests provided by customers.

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, integrating Cloudinary for image uploads and MongoDB Atlas for data storage. Implemented secure user authentication with JWT, verified through Mailtrap, and designed a user-friendly interface facilitating seamless shopping experiences, including product search, cart management, and multiple payment options like Razorpay and Cash on Delivery. Created comprehensive admin functionalities for user and product management, order tracking, and insightful analytics using the Nivo library. Emphasized security with data encryption, secure communication, and testing of password reset mechanisms, ensuring the integrity of user information and transactions.

iStore App : Same functionality as iStore Web using ReactNative and expo CLI (IOS & android Both)

Smart Waste using AI : Implemented CNNs, ML in Python/TensorFlow for waste sorting automation.

- Developed an AI-driven waste segregation system utilizing TensorFlow and Streamlit, integrating CNN for precise image recognition. Trained the model to enhance efficiency in waste categorization, reducing human workload.

CC couriers : Courier Management System- HTML, CSS, Bootstrap, PHP, MySQL.

- Demonstrates strong proficiency in MySQL database management through the development of a Parcel Tracking and Management System. Customers track parcels, update addresses, and provide feedback, while administrators manage parcel status, view delivery history, and address inquiries.

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
- **Developer Tools:** Git, Jira, VS Code, Eclipse, IntelliJ IDEA, Jupyter, Postman.

KEY ACHIEVEMENTS & AWARDS

- **AIR 207** in **CodeKaze 2023** out of 1,37,000 participants ,an esteemed coding competition.
- **Rank** 1st in Web Development Competition organized by Developer Student Club RNSIT.
- Solved over **500 problems** on Leetcode, codingNinjas and geeksforgeeks combined.
- Award for the **Dynamic Report Generation POC** issued 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*