DARSHAN N SHETTY

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software Engineer with expertise in full-stack development, specializing in **React.js, Node.js (Express), Java (Servlets), MySQL**, and cloud integration with **AWS**. Experienced in data migration, API development, and UI/UX optimization. Passionate about delivering scalable, high-performance applications.

SKILLS

Front-End: HTML, CSS, Bootstrap, React.js, Preact.js, React Native.

Programming Languages: Python (Data Migration, Automation), Java (Web Servlets).

Cloud: Familiar with AWS fundamentals (EC2, RDS).

Back-End: Node.js (Express), Java (Servlets), REST API development and integration.

Database: MySQL, Oracle

Version Control & CI/CD: Git, GitHub, Shell Scripting.

WORK HISTORY

JULY 2023-CURRENT
Software Engineer | DREGAL I PRIVATE LIMITED | Mangalore, India

- **Project Contribution for Non-Banking Financial Company (NBFC):**
  Led **data migration from Oracle to MySQL**, utilizing Python scripts to enhance data management efficiency and system performance.
  Designed and implemented **RESTful APIs** using **Java Servlets** to enable seamless communication between application components.
  Spearheaded front-end development using **React**, focusing on improving user interface (UI) design and overall user experience (UX).
  Developed and executed comprehensive unit tests for APIs to ensure reliability, scalability, and error-free functionality.
- **Technical Skills Development:**
  Acquired advanced proficiency in MySQL, including database design, query optimization, and performance tuning.
  Expanding expertise in backend development by learning **Node.js (Express)** to streamline API integration and enhance system efficiency.
  Gained foundational knowledge of **AWS services**, including application deployment and cloud management.
- **Key Achievements:**
  Successfully migrated and optimized critical financial data, resulting in improved system performance and scalability.
  Delivered high-quality, user-centric front-end solutions, contributing to a more intuitive and engaging application interface.
  Demonstrated adaptability by continuously learning and integrating new technologies to meet project requirements.

APRIL 2023-JULY 2023
Trainee Software Developer | Credzpay Fintech Private Limited | Bangalore

- **Developed a cross-platform mobile application using React Native**, demonstrating expertise in Android app development and optimizing performance for diverse devices.
- **Spearheaded front-end development for a high-performance website utilizing react.js**, contributing to the design and implementation of scalable front-end architecture
- **Implemented responsive design principles**, enhancing usability and compatibility across multiple screen sizes and devices.
- **Collaborated with the design team** to ensure seamless integration of UI/UX elements, maintaining consistency and visual appeal.

EDUCATION

Bachelor of Engineering: *Information Science* **AUGUST 2018-JULY 2022**

Canara Engineering College, Mangalore, India
- 7 GPA/CGPA

S R P U College, Hebri, PUC | *PCMCs |* **2018**
- 80.00%

S R Englis Medium High School , Hebri , *SSLC |* **2016**
- 86.08%

AFFILIATIONS

Voting System Website:

Developed a comprehensive and user-friendly voting system designed to maintain and manage student details efficiently. This system allows the admin to capture, store, and retrieve voting results seamlessly, ensuring a smooth electoral process.
Technology Used: HTML, CSS, PHP, MySQL (Academic Project)

Lottery Management System:

Implemented a system to automate and manage the lottery draw process effectively. The system handles participant data, generates random lottery numbers, and determines winners, streamlining the entire process for administrators while ensuring accuracy and fairness.
Technology Used: C++ (Academic Project)

IoT Smoke Detection System:

Designed an IoT-based smoke detection system using Arduino. This system uses smoke sensors to monitor air quality and provides real-time alerts through an IoT platform, focusing on enhancing safety by offering early warnings and preventive measures against potential fire hazards.
Technology Used: Arduino, IoT Sensors (Academic Project)

CERTIFICATIONS

DECEMBER 2020
 Certificate for Completion of RDBMS PostgreSQL Training
APRIL 2021
 Certificate of achievement for the successful completion of build a face recognition application using python as a part of ai-for-India event.
OCTOBER 2023
 Certificate of Completion The Complete React Native + Hooks Course

ACCOMPLISHMENTS

Has successfully completed internship with **QSpiders Campus Connect** during the period from **17.08.2021 to 21.09.2021** for a duration of five weeks.

ADDITIONAL INFORMATION

Participated in the Hands-on spiritually enriching personality development workshop "Yoga for happiness" by international society for Krishna consciousness.

Swachh Bharath activity conducted in Udupi as a social outreach program.