Navneet Shankar

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Work Experience

- **Software Developer at Citi, Institutional Clients Group(ICG)**
  - **TTS Commercial Cards Team July 2021 – September 2022**

    ➢ Developed a Resource Management Application to be used internally, with ReactJS for frontend, and a Spring Boot Microservices Backend, with Oracle SQL for Database.

    ➢ Developed Testing Automation and test cases for Credit Card systems and Interfaces in Java and Cucumber with Selenium .

    ➢ Developed a Microservices API Discovery Portal with Eureka, where various APIs in the Same environment get registered with the service and the endpoints can be found by querying on a UI

  - **Information Services Group - Olympus CoreTeam September 2022 - Present**

    ➢ Worked on Olympus Core (Citi's Big Data Platform), in the Equities Onboarding Team, involved loading, enrichment and transformation of Data from various streams and different File Formats/Encodings

    ➢ Tech Stack included Scala, Hive,Impala, Apache Hadoop, Kafka, SQL, & Java

Projects and Internships

- IOT/Embedded system project as part of coursework:'Remote Patient Monitoring System' Project to collect data from various sensors monitoring parameters such as heart rate,blood pressure,body temperature and other environmental conditions ,and display the data on a web app/mobile app
- Winter internship in NITK, under Dr. Shyam Lal, ECE Department. Worked on Implementation of U-NET and Dilated U-NET for Nuclei Segmentation of Histopathology Images under SERB-DST Project :Design and Development of automate Kidney Cancer detection System from H&E Stained kidney Histopathological images
- Development of IOT Automation App for android, along with server side and hardware with the following features:

1. 2-level authentication -> Email and OTP authentication
2. Privileges (admin and user) features
3. 3-factor data security
4. Scalable to any proportion

- Final Year Major Project on Video captioning and Summarisation using Deep Learning
- Class Project in Image and Video Processing for Breast Cancer Classification using Histopathological Images
- Autoencoder based Neural Image filling, created a unique attention gated autoencoder architecture and trained with PASCAL2008 dataset images.

Education and Credentials

Electronics & Communication Engineering- Student of Bachelor of Technology

Institution: National Institute of Technology-Karnataka

Admitted in Summer 2017, Graduated in Summer 2021.
CGPA:7.41

CBSE-AISSCE (Senior School Certificate) Majors in Physics, Mathematics, Chemistry and Computer Science

Institution: Delhi Private School Dubai

2016-2017, Score: 93.8%

CBSE-AISSE (Secondary School Exam)

Institution: Delhi Private School Dubai

2014-2015, Score: CGPA 9.8

Languages

English (primary), Hindi, Kannada, Tamil

Technical Skills

- Java, ReactJS, AngularJS, C and C++ ,Python , Scala
- SQL,Hive,Impala
- Spring Boot & Microservices, Selenium, Apache Hadoop, Kafka,Spark
- Data Structures & Algorithms,Neural Networks and Deep Learning ,image processing ,Embedded systems ,IoT , Digital Signal processing ,Data Structures & Algorithms,Android Development (Kotlin) ,Tensorflow

Self-Development & Extracurricular Activities

Participation at Interschool quiz programs · Outdoor Sports · Kit Building and experimentation with Electronics