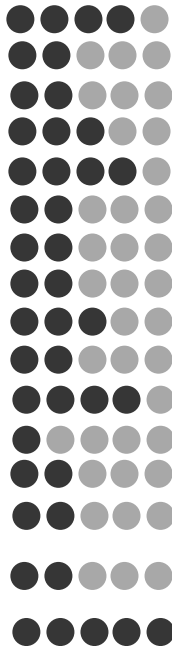# AKSHAT SOOD

FULL STACK DEVELOPER

PROFILE

A highly focused computer science student who exhibits widespread competence and charisma in a multitude of activities. Determined to engage completely in a task and see it to completion. Passionate for developing innovative programs that expedite the efficiency and effectiveness of organizational success.

SKILLS

Java
JavaScript
C++
HTML
CSS
React
React Native
Node.js
SQL
MongoDB
DAX
SEO
Animation
Robotics
Game Development
Microsoft Office

EXPERIENCE

Lead Software Developer
C Cube Pvt Ltd | April 2018 - Present

- Responsible for developing Web App for Singapore based online Logistics Marketplace, using technologies like React, Node.js and MongoDB, and deploying the MERN stack.
- Designed the front end using JSX and node dependencies like React Materialize, Bootstrap, and React Router.
- Created the back end for the web app utilizing technologies like Postman and AWS for testing and deployment while constantly enhancing my knowledge of the topic.
- Handled updates and maintenance for Social Media app called Loggie

Data Analyst Intern
Glorious Insight | June 2018 - July 2018

- Used Power BI and DAX to create interactive reports for businesses.
- Explored Data Visualization, Ad Hoc Analytics and Querying, Enterprise Reporting, Operational BI and SaaS (Software as a Service) BI while applying my knowledge of DAX and basic SQL to integrate measures into my Data Analytics Dashboard

Data Analyst Intern
NIA Agrocommodity Marketplace | June 2017 - July 2017

- Provided data analytics for the website providing insights about the Agrocommodity marketplace and customer practices
- Learnt about the Indian Agricultural Marketplace and common trading systems and ways to improve them.

Head of the IT Committee
Shikshantar | April 2015 - March 2017

- Organised and conducted various workshops including, Basics of Animation, GUI Programming in Java, Advanced Robotics (Building LFRs and other such machines), STEM Program and Advanced Animation (2D and 3D).
- Became the youngest member of any Committee due to my knowledge and passion for the field

PROJECTS

All project demos are available on my website

Loggie   October 2018
- Creating a web app for a Singapore Based Logistics Marketplace.
- Developing the framework using technologies like React, Node.js, MongoDB utilising the MERN Stack.
- Deploying algorithms to match users to deliverers to meet their shipping and logistics needs.

Capo For Dummies   September 2018
- Developed a React Native app to help Guitarists calculate how Capo positioning will affect their music. Used Redux for state management and React Native Elements for UI.
- The App calculates which key/chord you will be playing by placing the Capo in a particular position on your Guitar.

PROJECTS

Power BI Live Report Dashboard   June 2018

- Used Power BI and DAX to create a Report Dashboard representing data analyzed from the Northwind Database. Created an interactive Dashboard which included measures and real-time data analysis.

AirBnb Themed Property Viewer   March 2018

- Created a visualizer for a marketplace displaying data given in a CSV using Java, FXML, CSS and Google Maps API.
- Developed most of the backend including transitions between different scenes and the Compare Panel which lets you shortlist properties and view them in a separate list.

The Voice London Database   March 2018

- Implemented a relational model for a television show named "The Voice London", based on a previously created ER Diagram and set of requirements.
- Created and Populated the database with dummy data and performed different data manipulation and retrieval operations on it, using SQL.

The Bo'Real' Forest   February 2018

- Developed a predator/prey simulation of the Canadian Boreal Forest with multiple terrains, weathers, seasons, breeding cycles, plant life, animal life etc, using Java.
- The simulation took into account many real-life factors, including changes in weather phenomenon during different seasons, hibernating seasons and how much food needs to be consumed to survive it, sleep cycles, eating habits and the number of offsprings certain animals have.

Lambda Corps   February 2018

- Created a text-based RPG, with multiple endings, based in the future using Java. It involved multiple interactive NPCs, secret objectives, choices which the player had to make and above all, a gripping storyline.

EDUCATION

King's College London, UK
BSc Computer Science with a Year in Industry | 2017 - 2021

- Have completed my first year and covered Computer Systems (95%), Database Systems (74%), Data Structures (79%), Elementary Logic and it's Applications (78%), Foundations of Computing (79%), Logic Design (93%) and Programming Practice and its Applications (91%)
- Currently am pursuing Practical Experiences of Programming, Internet Systems, Foundations of Computing 2, Software Engineering Group Project, Operating Systems and Concurrency, Programming Language and Design Paradigms and Introduction to Artifical Intelligence

Shikshantar Senior Seconday School, India
Science and Mathematics | 2014 - 2017

- Achieved 96% in ISC Examinations 2017 in Mathematics, Chemistry, Physics, Computer Science and English
- Achieved 93% in ICSE Examinations 2015 in Mathematics, Physics, Chemistry, Biology, Computer Science, Geography, History, Civics, English and Hindi

SOCIETY ASSOCIATIONS

KCL Tech
KCL Robotics
KCL Cyber Security
KCL Blockchain

HACKATHONS

Royal Hackaway 2017
Sky Hackathon 2018

OTHER INTERESTS

Drumming
Model United Nations

CONTACT

Phone:
+44 7940224000

Email:
akshat.sood@kcl.ac.uk

Website:
akshatsood.com