# KOUSTAV MUHURI

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**Academic Qualification MS in Advanced Computer Science -** University of Sheffield – 2:1 2023-2024

**Relevant Modules:** Core Java, Software Development for Mobile Devices (Android Jetpack Compose), Text Processing(Python), Nodejs, GPU(C), Machine Learning/AI (Dissertation)

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| **Bachelor Degree and School**  **Bachelor in Technology(B.Tech) : Relevant Modules:** | West Bengal University of Technology - 2:1  Computer Science and Engineering 2009-2013  Core Java, Database, C, C++, DataStructure and Algorithms. |  |
| **Class 12 :** | St.Stephens School - I.S.C. Exam (70.85%) | 2009 |
| **Class 10 :** | St. Mary’s Orphanage and Day School - Indian  Certificate Of Secondary Education(I.C.S.E.)- 73% | 2007 |

**Skills:-**

* **Programming Languages:** Java, Python, C, C++, JavaScripit, java8
* **Frameworks:** Spring Boot, Angular, NodeJS,Spring framework
* **Tools and Platforms:** AWS, GIT, JIRA, Confluence
* **Databases:** AWS DynamoDB, MySQL, MongoDB
* **Development Practices:** Agile, Testing with JUnit, mockito
* **Machine Learning**

**Work Experience :- Infosys, India – Technology Analyst** 12th Jun 2023 – 10th Sep 2023

* Technologies Used – Eclipse, JPA, Spring Boot, GIT, Core Java, Angular, AWS
* Responsibities – Developed and Enhanced applications using Spring Boot, JPA, Restful APIS, Angular, AWS Dynamo DB, Amazon SQS.
* Leading a group of the team members with their task.
* Participated in daily scrums meetings with clients.
* Worked as full stack developer
* Worked with a renowned e-commerce client.

**Tata Consultancy Services(T.C.S) – IT Analyst** 21st Dec 2020 – 24th Mar 2023

* Technologies Used – STS, JPA, Spring Boot, GIT, Core Java, Junit, Macros, Angular
* Responsibilities – Coding and testing business logic at the backend and interaction with the database layer for developing new components.
* Worked as a full stack developer for around 6 months.

**Diverse Lynx – Senior Software Developer** 10th Dec 2018 – 18th Dec 2020

* Technologies used – Eclipse, JPA, Spring Boot, GIT, Core Java, NodeJS
* I used to work mainly in the business logic in the back end.

**Altiux Innovations Pvt. Ltd – Software Engineer** 18th Jan 2017 – 7th May 2018

* Technologies used – Eclipse, Spring Data JPA, Spring framework, core java, SVN, NodeJS
* Responsibilities – Interacting with the development team
* Worked in critical deadlines

**Conflux Innovations Pvt. Ltd – Software Engineer** 29th Feb 2016 – 13th Jan 2017

* Technologies used – Eclipse, JPA, Spring framework, Git, Java.
* Responsibilities - Interacting with the development team and regular interaction with the testing team.
* Worked in an open source platform called Apache Fineract/ Mifos x/Incubator Fineract.

# Thesis and Projects in the University of Sheffield Thesis - Lyrics Based Song Exploration - Technologies used :- Python and Angular

# In this application we are using machine learning model to generate topics.

* User is given the option to generate songs based on topics.
* This application gives a rare combination of genres and topics to recommend songs.
* Not many applications are there in the industry which gives these options to the user.

# Todo App – Technologies Used :- Android using Kotlin

* Worked with a team of 5 to build an android app using jetpack compose and kotlin.
* Delegated the task between each team members to develop different parts of the app.
* I acted as a leader in leading the team members and helping them in completing the project on time.
* The app comprises of to-dos for example:- a visitor wants to do as he visits a particular location.

# E-Waste App – Technologies Used :- Nodejs and JavaScript

* This app was built using NodeJS, JavaScript, bootstrap.
* This is an app like eBay which we developed using MVC model in NodeJS.
* This app was developed by 6 team members where we used Jira, Agile and confluence.