# KOUSTAV MUHURI

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## Professional Summary

Accomplished software developer with over 6 years of expertise in full-stack development and backend engineering. Earned an MS in Advanced Computer Science (2024) from the University of Sheffield. Adept at delivering innovative solutions, collaborating with cross-functional teams, and managing end-to-end software development processes.

## Skills

\*\*Programming Languages:\*\* Java, Python, C, C++

\*\*Frameworks:\*\* Spring Boot, Angular, NodeJS

\*\*Tools and Platforms:\*\* AWS, GIT, JIRA, Confluence

\*\*Databases:\*\* AWS DynamoDB, MySQL

\*\*Development Practices:\*\* Agile, Testing with JUnit

\*\*Soft Skills:\*\* Team Leadership, Client Communication, Time Management

## Education

MS in Advanced Computer Science  
University of Sheffield | Completed: 2024 | Achieved: 2:2  
Key Modules: Core Java, Machine Learning(Dissertation), NodeJS, Android Development, Text Processing (Python)

Bachelor in Technology (B.Tech), Computer Science and Engineering  
West Bengal University of Technology | Achieved: 2:1 | Completed: 2013  
Relevant Modules: Data Structures, Algorithms, Core Java, Databases

High School Education  
Class 12: St. Stephen's School | ISC: 70.85% | 2009  
Class 10: St. Mary’s Orphanage and Day School | ICSE: 73% | 2007

## Work Experience

### Technology Analyst Infosys, India | Jun 2023 – Sep 2023

* - Developed and enhanced applications using Java, Spring Boot, AWS DynamoDB, JavaScript, BootStrap, Angular, and RESTful APIs.
* - Led a team in task allocation and code review.
* - Interfaced with clients during daily scrums for requirement gathering and updates.

### IT Analyst Tata Consultancy Services (TCS) | Dec 2020 – Mar 2023

* - Designed backend logic with Java, Spring Boot, JPA, and MySQL, focusing on business-critical components.
* - Served as a full-stack developer for 6 months, integrating frontend and backend solutions.
* - Collaborated with international clients (Germany, Hong Kong) to deliver customized solutions.

### Senior Software Developer Diverse Lynx | Dec 2018 – Dec 2020

* - Developed backend systems using Java and Spring Boot for business-critical applications.
* - Coordinated with a 3-member team to meet tight deadlines and deliverables.

## Projects

### Lyrics-Based Song Exploration (Dissertation)

* - Built a machine learning model to generate topic-based song recommendations.
* - Delivered a unique system combining genre preferences and topics.

### Todo App

* - Developed an Android app with Jetpack Compose and Kotlin in a 5-member team.
* - Led task delegation and ensured timely completion with Agile practices.

### E-Waste Management App

* - Created an e-commerce-like platform using NodeJS, JavaScript, and Bootstrap.
* - Applied Agile methodologies and utilized tools like JIRA for project tracking.