

# Kingsuk Biswas

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## EDUCATION

### B-Tech, Computer Science Engineering

Narula Institute Of Technology

CGPA - 8.6

08/2019 – 07/2023

Kolkata, India

## PROFESSIONAL EXPERIENCE

### Support Engineer II Intern

Amazon

01/2023 – 06/2023

Bengalore, India

- Hands-on expertise in deploying key AWS services crucial for diverse features in Amazon's Just Walk Out Technology (JWO) ecosystem.
- Engineered an automation script, reducing manual workload and optimizing deployment time by 30% for key AWS services.
- Enhanced build process efficiency by 50% through optimization of multiple JWO's services packages.
- Collaborated cross-functionally to troubleshoot errors, resolved tickets, and efficiently managed CI/CD pipelines.

## SKILLS

### Language

Java, Python, JavaScript

### Web

HTML/CSS, ReactJS, Spring Boot, NodeJS, FastAPI

### AWS Services

EC2, S3, CloudFormation, CloudWatch, CodeDeploy, Lambda

### Database

PostgreSQL, MySQL, MongoDB

### Miscellaneous

Data Structures, DBMS, Machine Learning, NLP, GIT, Docker, Linux

## PROJECTS

### Library Management App [🔗](#)

- Built a library management server using **FastAPI** with role-based **JWT** authentication.
- Implemented functionalities for adding, updating, deleting, borrowing, and returning books using a **MongoDB** database.
- Integrated search and pagination features, optimizing user experience.
- Embedded a recommendation system for enhanced usability and user engagement.

### MindSense: Predicting Mental Health via NLP [🔗](#)

- Developed a **FastAPI** server for predicting mental health attributes from text inputs using **Deep Learning**.
- Leveraged **Natural Language Processing (NLP)** and highly accurate fine-tuned models to analyze emotional, mood, and stress aspects from provided text.

### Invoice Management Application [🔗](#)

- Created a web app for managing invoices, using **Spring Boot**, **React** and **MySQL**.
- Employed a **Flask**-powered backend to integrate a **(70%)** accurate regression model for predicting invoices due dates.

## CERTIFICATES

- Machine Learning with Python [🔗](#)
- AWS Fundamentals: Building Serverless Applications [🔗](#)