



SANKHADEEP BISWAS

SOFTWARE ENGINEER

CONTACT

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📍 Kolkata, India

SKILLS

Java	●●●●●
Spring Boot	●●●●●
React.js	●●●●●
JavaScript (ES6)	●●●●●
Python	●●●●●
HTML, CSS	●●●●●
C++, C	●●●●●
MongoDB	●●●●●
SQL	●●●●●
C#	●●●●●

LANGUAGES

English	●●●●●
Bengali	●●●●●
Hindi	●●●●●



PROFILE

3+ years of experience in Full-Stack development with expertise in modular, test-driven development using React.js and Spring Boot. Skilled in CI/CD, REST APIs, and secure coding, with a collaborative approach to delivering high-quality, resilient interfaces. Passionate about driving impactful solutions in sustainability-focused, high-growth environments.



WORK EXPERIENCE

Tata Consultancy Services

08/2021 - PRESENT

System Engineer

- Over 3 years of applied experience in software engineering, with formal training and hands-on expertise in system design, application development, testing, and operational stability.
- Proficient in frontend development with extensive hands-on experience in React.js, creating secure, responsive, and scalable interfaces that align with modern software design principles.
- Basic exposure to Python programming, enabling integration and analysis of diverse data sets to drive insights and continuous system improvement.
- Skilled in developing, debugging, and maintaining high-quality production code in large-scale corporate environments using modern programming languages such as Java and JavaScript.
- Experienced in writing and optimizing database queries with MongoDB, efficiently managing and analyzing large datasets.
- Strong understanding of the Software Development Life Cycle (SDLC), with a focus on secure coding, CI/CD pipelines, application resiliency, and system security.
- Adept at producing architecture and design artifacts for complex applications, ensuring design constraints are met during development.
- Proactively identifies hidden patterns and problems in systems and data, driving improvements in coding hygiene, architecture, and system performance.
- Knowledgeable about emerging technologies, including cloud computing, artificial intelligence, and machine learning, with experience incorporating these into application development.
- Active contributor to engineering communities of practice, fostering knowledge sharing and collaboration while promoting diversity, equity, and inclusion.



EDUCATION

Bachelor of Technology (B.Tech.)

08/2017 - 07/2021

RCC Institute of Information Technology | Maulana Abul Kalam Azad University of Technology

GPA: 8.72 / 10.0

XII Examination

04/2015 - 03/2016

Bhimpur Swamiji Vidyapith | West Bengal Council of Higher Secondary Education

Percentage: 83.4 / 100

CERTIFICATES

Android App Development (06/2019 - 07/2019)

Internshala online android development course

Python (03/2019 - 05/2019)

Online python course in NPTEL

Machine Learning Foundations: A Case Study Approach

A coursera course for machine learning fundamentals

ACHIEVEMENTS

Codathon 2nd place

RCC Institute of Information Technology college contest



PROJECTS

Framework for Social Networking Analysis to Predict Election Result 10/2020 - 04/2021

- Used natural language processing with nltk
- Created algorithm to give points according to tweet
- Used translation for regional tweet

App Use Time 05/2020 - 06/2020

- Show all daily time line and details of an app

Floppy Bird 07/2019 - 08/2019

- Clone of popular game Floppy Bird