KAUSHIK ROY

Python | Java | Android Developer | Ruby on Rails | Tensorflow

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TECH STACK

Python | Java | Kotlin
Ruby | Andorid SDK
Spring BOOT | Rails
Ruby on Rails
BootStrap-CSS
JavaScript

Sklearn | Tensorflow
Analytics | Pytorch
Postgres | MongoDB
MySQL | OracleDB
XAMPP | SQLite

LEARNING

Wordpress | Godot
Unity | TypeScript

Docker | AWS cloud
Azure cloud | Linux-shell

LANGUAGES

Lang 1: **Bangla**

Lang 2: **English**

ABOUT ME

Experienced developer proficient in Python, JavaScript, and Java with expertise in Ruby on Rails, Django, Ruby On Rails, Spring Boot, and Machine learning. I have built robust railway ticketing systems, Social platforms, ML models, and Android apps for form extraction. My work demonstrates a strong ability to handle complex projects independently and deliver high-quality, scalable solutions.

EXPERIENCE

Intern | Itransition

📅 April 2024 – June 2024   📍 Remote

- Gained insights and practical knowledge from industry experts through shared experiences.
- Acquired hands-on experience in developing and maintaining a commercial-grade web application.
- Enhanced advanced skills in Ruby on Rails and comprehensive software development practices.

Junior Executive | BRAC University Robotics Club | ROBU

📅 January 2020 – December 2023   📍 Dhaka, Bangladesh

- Contributed to nationwide online competitions through voluntary efforts.
- Acquired hands-on experience with microcontrollers and microprocessors, including Arduino and Raspberry Pi.
- Collaborated effectively within a team-oriented environment, enhancing project outcomes and team dynamics.

EDUCATION

Bachelor of Science in Computer Science and Engineering | BRACU

📅 January 2020 – January 2024   📍 Dhaka, Bangladesh

HSC [Science Division] | Govt. Bangabandhu College

📅 June 2019   📍 Gopalgonj, Dhaka

SSC [Science Division] | S.M. Model Govt. High School

📅 July 2017   📍 Gopalgonj, Dhaka

PROJECTS

Document Extraction |

- Implemented a system to extract various types of information from form pages using Google Firebase.
- Developed functionality to organize and export extracted data into spreadsheet software, primarily utilizing the CSV format.

Final-Project |

- Developed an industrial-standard website during my internship.
- Utilized technologies including Ruby on Rails, SQLite, Bootstrap, and JavaScript.
- Integrated Jira for application management and implemented API token creation for collections.

RailwayTT |

- Employed technologies such as OracleDB, Bootstrap, HTML, CSS, Java, and Spring Boot.
- Enabled users to purchase metro rail tickets for specific destinations through the platform.

TripMate |

- Developed a social platform using PHP, HTML, SCSS, and CSS.
- Facilitated users to purchase travel package plans and connect with others sharing the same plans.

Cryptography Project |

- Completed a university project focused on cryptography.
- Implemented AES, Hashing, MAC, and RSA encryption and decryption algorithms.

Document Template Identification and Data Extraction using Machine Learning and Deep Learning Approach |

- Designed an interface to extract specific handwritten information from form-like documents.
- Leveraged Google Firebase for information extraction from form pages.
- Developed functionality to organize and export extracted data into spreadsheet software, primarily utilizing the CSV format.