

ABHISHEK SHARMA

Software Developer

Software Developer with excellent problem-solving skills and ability to perform well in a team. Proficient in C, JAVA, PYTHON and SQL. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. Looking to start the career as an entry-level software engineer with a reputed firm driven by technology.

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Kolkata, India 📍

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linkedin.com/in/abhishek-sharma-aa06a9183 in

github.com/abhisheks008 🔄

EDUCATION

B.Tech in Computer Science and Engineering
University of Engineering & Management (UEM),
Kolkata

07/2019 - Present

Kolkata, India, GPA 9.79

PERSONAL PROJECTS

Covid-19 : Analysis and Prediction - A Machine Learning Approach (07/2020 - 01/2021) 📄

- This machine learning and data analysis research oriented project work is based on the overview of the first wave of the pandemic situation over the whole world as well as on India. Highlighted on the condition of healthcare facilities of India to face this pandemic.
- Based on the analysis a prediction model has been created with an accuracy score of 98.5 using the Prophet Algorithm.
- This research work is also selected for CIIR 2021 conference and being published by Springer LNNS Series.

Mortality and Death Time Prediction for ICU Patients using MIMIC III (12/2020 - 06/2021)

- A two phase machine learning framework for predicting the mortality of the ICU patients with an accuracy of 89%.
- Framework for death time prediction model is having the accuracy of 87%.
- Will be beneficial for the critical patients who might be dead within 6 hours of ICU admission.

Employee Management System using JAVA and SQL (03/2021 - 05/2021) 📄

- Created a mini project using two tech stacks for managing the employee records of an organisation.
- Web application's front end is developed by Java and the database is stored using the phpmyadmin host server.

WORK EXPERIENCE

Software Developer Intern
SCIENOVELX Education & Technology Solutions
Pvt. Ltd.

08/2020 - 03/2021

Kolkata, India

A service based start-up company based on Kolkata

Projects

- Created an AI based chat bot using Python and added to their website and also connected that with the back end.
- Provided machine learning based solution on a beacon project grabbed by the company with an accuracy of 95% and got appreciation from the company.
- Worked on a client's ML project for an web application which can predict the weather report based on various natural criteria.

SKILLS

C

Python

Java

SQL

MERN

Back End Development

Machine Learning

Operating Systems

Project Management

Data Structures and Algorithms

Git & GitHub

MATLAB

ORGANIZATIONS

The Sparks Foundation (12/2020 - 01/2021)

Virtual Internship program on Data Science and Business Analytics, completed 6 projects.

Lets Grow More (06/2021 - 08/2021)

Virtual Internship Program on Machine Learning and Data Analytics, completed 4 projects.

DevIncept Summer Contributions '21 (07/2021 - 08/2021)

Contributed to more than 4 projects, closed more than 10 issues and completed 15 pull requests in the Summer Open Source Program.

Lets Grow More Summer of Code '21 (06/2021 - 08/2021)

Contributed to more than 5 projects, closed more than 50 issues and completed 69 pull requests in the Summer Open Source Program.

Developer Student Club UEMK (10/2020 - Present)

Active member of Developer Student Club of UEMK, participated in various workshops and seminars regarding engineering and technology.

GirlScript Winter of Contributing '21 (09/2021 - Present)

Mentoring and Supervising 70+ ML enthusiasts during the 3-months long Open Source program.

CERTIFICATES

Machine Learning Specialization (09/2020)

University of Washington

Computer Science and Programming using Python (05/2021)

MIT - Massachusetts Institute of Technology

LANGUAGES

English

Full Professional Proficiency

Bengali

Native or Bilingual Proficiency

Hindi

Limited Working Proficiency

INTERESTS

Machine Learning

Research

Innovation

Open Source

Artificial Intelligence

Deep Learning

Competitive Coding

Database Management

Operating Systems

Back End Development