ABHIJOY SARKAR

CF-84, Sector-1, Salt Lake, Kolkata, INDIA - 700064 • +91 9038906952 • asterdan712@gmail.com

in linkedin.com/in/abhijoy-sarkar/ github.com/asterdan712

Summary

Experienced developer with a demonstrated history of working in the computer software industry. Strong entrepreneurial skills and proficiency in Web Development, Android Development, Python, Arduino, C++, etc.

Work experience

2018 - 2018

Intern
Optum, United Health Care Group

1) Proof of concept on using Redis caching with Cassandra DB on the OpenShift Platform using JAVA.

2) Worked on CI/CD tools with build automation using Jenkins.

2017 - 2018

Assistant Coordinator
Konnexions - IT Society | KSAC

Requires promoting coding culture in the University while attempting to solve and/or create software solutions for the University.

2017 - Present

Open Source Developer
GitHub

Contributed to various open source code using the GitHub platform.

2016 - Present

Full Stack Developer
Freelancer.com

Worked on paid projects on several domains which include:

(1) Software Development
(2) Graphic Design
(3) Content Writing

2016 - 2017

Founder
Soul Speak

Started as a literary article sharing system and later converted it to version control system for literature. Was responsible for the following:-

(1) Creation and maintenance of platform
(2) Distribution and marketing
(3) Support and content editing
(4) User Management

Education

2019 - Ongoing

M. Tech in Artificial Intelligence
Indian Institute of Technology Ropar

2015 - 2019

B. Tech. in Computer Science and Engineering
KIIT UNIVERSITY

- 2015

AISSCE - Percentage: 86%
Birla High School, Kolkata

- 2013

AISSE - CGPA: 10
Birla High School, Kolkata

Skills

Software Engineering	C/C++, Embedded C/Atmega-8 Microcontroller, Java, Java/Android, Python, MATLAB, BASIC, R, XML, Git, Github
Web Development	HTML5, CSS3, MySQL, JavaScript, jQuery, AJAX, Twitter Bootstrap, PHP7, NodeJS, Express, React, MongoDB, Django
Operating System	Linux (Ubuntu), Microsoft Windows, Android
Machine Learning, Deep Learning	Using Python, MATLAB, R
IDEs Used	IDEs used -> Visual Studio, Android Studio, Arduino, Eclipse, DreamWeaver
Other Software	Adobe Premiere Pro, Adobe Photoshop, Adobe Audition, Adobe Illustrator, Adobe XD, Adobe Acrobat
Academic Coursework	Digital Electronics, Data Structures and Algorithms, Digital Communication, Computer Organization and Architecture, Database Management Systems, Operating Systems, Computer Networking, Compiler Design, Web Technology, Object Oriented System Design, Engineering Mathematics

Accomplishments

• Top 20 in KIIT Project Expo 2019 for research on the Stock Market Prediction system using Long Short-Term Memory and Sentiment Analysis.

• Created a Content-Based Image Retrieval System which is acts as a similar image search engine for queried images.

• Developed website for inter-university fest Kritarth 2k17.

• Conducted Web Development classes for students at KIIT University.

• Published the Sugar Cube app (August 2016) for simulating a social game virtually on the Amazon app store.

• Released the Solar System app (May 2016), an educational app for kids on the Amazon app store.

• Built line follower and obstacle detection robots using ATMEGA and Arduino Microcontrollers, respectively.

• Founded the Soul Speak website as a startup in Dec 2016 to promote a writing culture among people across the globe and let them express their views on a varied range of topics, later converting the same to a version control website for literature.

• Organized small scale university coding competitions to promote coding culture at KIIT University.

Honour & Awards

• Secured AIR: 498 in GATE 2019 in Computer Science paper.

• Secured AIR: 25 in International Enigineering Olympiad 2018.

• Cleared National Engineering Challenge by Gate Academy 2018.

• Secured AIR: 8 in Codathon organized by Hacker Rank – 2016.
• Among top 10% students to qualify in TCS Codevita initial round – 2016.

• Succesfully completed Hour of Code at Code.org
• Received Certification in Machine Learning, Python, C++, Android Development, Web Development.
• Won Gold Medal for securing School rank: 1, City rank: 2, State rank: 3, International rank: 64 in 7th International Mathematics Olympiad – 2014.