

# Amal Sarkar

## PERSONAL DATA

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DATE OF BIRTH: 27 June 1994  
ADDRESS: N.K Angarkata, Kumarikata, Tamulpur, Baksa, Assam, 781360  
PHONE: +917002140725  
EMAIL: [sarkaramal914@gmail.com](mailto:sarkaramal914@gmail.com)  
GIT: <https://github.com/sarkaramal/>  
LINKEDIN: <https://www.linkedin.com/in/amal-sarkar-797219146/>

## CAREER OBJECTIVE

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To work and learn with interesting projects which challenges my ability and skills.

## EDUCATION

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JULY 2013 - JUNE 2017 BACHELORS OF TECHNOLOGY,  
**Assam University Silchar**  
Major: Computer Science and Engineering  
CGPA: 7.47/10

JUNE 2013 Senior Secondary -Science Stream (ASHEC),  
**Jagiroad College , Jagiroad Assam**  
PERCENTAGE: 60

JUNE 2011 Secondary Education -(SEBA) ,  
**Educare Institute , Sashipur Assam**  
PERCENTAGE: 49

## PROJECTS

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<i>Bitcoin Technology</i>	An Automated Bot A bot(coded in Java) that automatically triggers the buy/sell order on exchanges based on the predictions. The trading strategies are fully customisable with the UI to set up the parameters.
<i>Machine Learning</i>	Question Paper Prediction The training set data is previous year question papers. Using NLP and machine learning technique tried to predict the upcoming question paper
<i>Enterprise Application</i>	Enterprise Application for health care solutions Worked with the team to build Application for health care solution using open-source technology as OpenERP and OpenMRS. The application is coded using Java with Spring-Boot and also Python.
<i>Android</i>	Digital Attendance System Android app which interface with indoor positioning system to detect the presence of student in class.
<i>Web</i>	IEEE Student web portal Using HTML5, bootstrapjQuery, MySQLi and PHP developed web portal for student IEEE members.
<i>VLSI Lab</i>	Online VLSI Lab Design and developed online VLSI lab to test the circuit design which will run on real hardware present in server at IIT Guwahati

## WORK EXPERIENCE

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<i>May 2018 to present</i>	Data Scientist at Sentienz , Bangalore, India <i>Data Scientist - 1</i> Working with Data Science team for building next generation data platform for large scale data solution.
<i>Feb 2018 to April 2018</i>	Software Engineer at Nuchange Informatics , Bangalore, India <i>Software Engineer</i> Worked at Nuchange Inforamtics as a Software Engineer for development of health care solution using open source technologies i,e, OpenERP, OpenMRS
<i>May 2017 to Nov 2017</i>	Software Engineer at Promptcloud , Bangalore, India <i>Software Engineer</i> Worked at PromptCloud as a Software Engineer in the development project on Customized Web Crawling, Web Scraping and Data Extraction.

## TECHNICAL SKILLS

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General programming : **Python**, C , C++, Java, Android, Ruby, PHP, JavaScript, Node.js  
Databases : **MongoDB**, MySQL, ORACLE  
Others: **Machine Learning**, MatLab , Cisco Packet Tracer, ES Stack, Rabbit MQ

## EXTRA CURRICULAR ACTIVITIES

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CODING SOCIETY	Coordinator, 2017-16 Worked as a IEEE student committee member at B.Tech in the year. 2016-2017..
LEADERSHIP	School Captain, 2010 School Captain for the Year 2009 and 2010.

## INTERESTS AND ACTIVITIES

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IT Security, Creative Writing, Counter Strike, Social Networking