

# Soumyajit Dutta

India

Contact: 9501925559; Email: sanudatta11@gmail.com

## BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING STUDENT

### AREAS OF EXCELLENCE

- ➔ Cloud Computing
- ➔ Web Development
- ➔ Programming Management
- ➔ Computer & Engineering Technology
- ➔ Training & Development
- ➔ Problem Analysis & Resolution
- ➔ Cross-functional Collaboration
- ➔ Strategic Planning & Execution
- ➔ Time Management Skills
- ➔ Teamwork & Leadership
- ➔ Accuracy & Attention to Details
- ➔ Observation & Critical Thinking

### CLOUD CERTIFICATION

- ➔ **AWS CERTIFIED SOLUTIONS ARCHITECT**  
(HMY8NP02DEB41GCG)
- ➔ **AWS CERTIFIED DEVELOPER ASSOCIATE**  
(59JE5FL1DBV11HCH)

### EDUCATIONAL DETAILS

- ➔ **Bachelor of Technology in Computer Science and Engineering**  
Lovely Professional University  
(On Going)

- ➔ Highly dedicated student knowledgeable and confident in skill, and has robust ongoing learning and innovation in the computer science and engineering field.
- ➔ An innovative thinker with significant achievement in academic leadership who earned an 8.5 CGPA in Bachelor of Technology in Computer Science and Engineering at the Lovely Professional University.
- ➔ A high-performing individual with exemplary academic achievements, internship, research projects, and technical skills.

### FEATHER IN THE CAP

2018

- ➔ Indian Representative for WorldSkills Russia
- ➔ Global Skills Challenge Australia Indian Representative
- ➔ India Skills 2018 Gold Medalist in Cloud Computing Track
- ➔ Microsoft Imagine Cup 2018 India Finalist with Project Elixir
- ➔ Represented India at Microsoft International Asia Summit in Taiwan.

2017

- ➔ Winner of the Hackathon organized by Microsoft, in BITS Pilani
- ➔ Winner of the 36-hour Infosys Hackathon organized by the Infosys, Chandigarh & SAP, India.
- ➔ Awarded with Microsoft Student Partner title and awarded as top 30 MSPs in India.
- ➔ Topped the Indian leaderboard in the coding event Smackdown 2017 organized on CodeChef.
- ➔ Winner of Ingenious Mind Technical Event in LPU.

2016

- ➔ Qualified for the onsite final round and stood amongst top 5% participants in the INK MAKERS'16 at THUB Hyderabad
- ➔ Top 100 rankers Country Wise in Google HashCode

2013

- ➔ Recipient of the Google Science Fair India Finalist, having developed a walking system for the visually impaired people

2012

- ➔ Stood amongst top students in the NASA Ames Challenge with Science City Kolkata, conducted by NASA USA

### INTERNSHIP / Certifications

Hoop.Cam

**Offshore Consultant**

**(December 2018-June 2019)**

- ➔ Work and develop on some of their various Serverless Functions used for scoring, metrics and other functions.
- ➔ Manage their Video Reducer Algorithm using Elastic Transcoder for it to be highly scalable and easy to use.
- ➔ Proactively identifies resources, using a variety of methods, or open specifications for the company's growth.
- ➔ Update and monitor the system with resource selection decision and supporting reason.

**NOWFLOATS INC**

**Summer Internship**

**(June 2018-August 2018)**

- ➔ Proposed and designed better network design and implementation for their multiple offices.
- ➔ Made pipelines, build/tests for their open and closed project with proper deployment, and worked on their ELK Stack.
- ➔ Managed VPN setups for their cloud instances and working on specific rules to monitor and block particular access.
- ➔ Engaged and developed their Serverless Framework – Kitsune and made Documentation and APIs.

**BRAINPLAY LEARNING SOLUTIONS**

**Winter Internship**

**(December 2017-January 2017)**

- ➔ Initiated and designed better flow APIs for their queries in their product used by OYO for training their employees.
- ➔ Improved existing CloudFront templates, made them robust, and ensure quick and reliable provisioning of the applications.
- ➔ Made Unit Testing services of existing APIs using Chai and Mocha JS (frameworks commonly used together for unit testing).
- ➔ Implemented and developed CI/CD Unit Test and made their code move to Zappa - serverless framework.

## ELUCIDO MEDIA NETWORKS

### Summer Internship

(July 2015 – March 2016)

- ➔ Administered on their main Code Evaluation Platform and implemented Docker Swarm to balance the load.
- ➔ Designed and implemented the architecture to support sounds in Red5 RTMP Server for their Lecture module.
- ➔ Originated and designed specific modules for file sharing and streaming videos from IOT to the web interface.
- ➔ Developed software and implement processes to meet various business goals for Elucido Media Network.

## RESPONSIBILITIES

### MICROSOFT STUDENT PARTNER – INDIA

- ➔ Selected among the top few thousands of representatives all around the world to represent Microsoft.

### ORGANIZER MICROSOFT HACKATHON

- ➔ Organized Microsoft Hackathon for two consecutive years in Lovely Professional University Campus.
- ➔ Worked in the Community Relations Department and served as the main organizer behind tie-ups and sponsorship.

### STUDENT AMBASSADOR GEEKS FOR GEEKS

- ➔ Worked, as a CA for GFG for spreading news and knowledge of GFG and holding classes known as Geek Classes.

## PROJECTS

### NEXTVAC

- ➔ Selected among top startup by Commence Mint and Startup Istanbul as one of the leading startup Ideas.
- ➔ An education platform with its inbuilt code compilation engine and multiple choice question and answer platform.
- ➔ It had an inbuilt Video Serving facility for lectures using Red5 RTMP Server.

### SHORTTO

- ➔ It has over 2 Lakhs of URL clicks and over 2k of URLs Shortened.
- ➔ Open Source project under Microsoft Technical Community Contribution.
- ➔ Serverless, nearly zero costing shortened with Database as Excel Sheet and Lambda running Flask.

### ELIXIR

- ➔ Selected as one of the top 20 Imagine Cup India Finalists at Gurgaon Pride Plaza.
- ➔ A Hybrid multiplatform app to convert images taken from a mobile or any medium to code.
- ➔ People can directly take pictures of handwritten or typed code, and it will compile and run directly in your mobile.

### SMARTQLABS

- ➔ Winner for Nationwide Infosys Developer Hackathon Students vs. Employees Edition.
- ➔ An Android app is built with Flutter to control queues in the Shops using QR Based System.

## TECHNICAL EXPERTISE

**Programming Languages:** C, C++, Python, Java, MySQL, HTML, PHP, CSS, Javascript, Ajax

**Libraries:** OpenCV, Parallel Patterns Library, Django, Flask, Bottle, NodeJS + Express, Laravel

**Platform (OS):** Slim Android, Windows Phone, Linux, Microsoft Windows

**DevOps:** Terraform, Ansible, Chef, Salt Stack, ELK

**Documentation:** LaTeX, LucidChart, MkDocs