Soumyajit Dutta

🏠 India
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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 Deatils**
➡ **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

Amazon Web Services
Cloud Associate Intern   *(Sep 2019-Present)*
➡ Work on AWS Premium Support Internal Projects.(NDA)
➡ Work with Customers(NDA)

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 GEEEKS
- Worked, as a CA for GFG for spreading news and knowledge of GFG and holding classes knows 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 of 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