Soumyajit Dutta

🏠 India

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BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING STUDENT

AREAS OF EXCELLENCE

- **Cloud Computing**
- **Web Development**
- **DevOps and Automation**
- **RPA**
- **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)
- **AWS CERTIFIED SYSOPS ADMINISTRATOR ASSOCIATE (**J4713SW2EJ14QFC6)

EDUCATIONAL DETAILS

- **Bachelor of Technology in Computer Science and Engineering**
  Lovely Professional University (2016-20)

- 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 Medallist 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 Hash Code

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

INTERNSHIPS

Amazon Development Centre
SDE Intern – Payment Services   *(Feb 2020-Present)*
- Work on Remittance Filing Software
- Worked on React and Java based Serverless Backend Networks and Code.

Amazon Web Services - AISPL
Cloud Solutions Architect Intern   *(Sep 2019-Feb 2020)*
- Work on AWS Premium Support Internal Projects. (NDA)
- Work with Customers & Cases (NDA)

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 (2017-19)
➡ 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 8 Lakhs of URL clicks and over 9k of URLs Shortened
➡ Monthly traffic of over 2 Lakhs Link visits.
➡ 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 , AWS , Azure, GCP
Documentation: LaTeX, LucidChart, MkDocs