



# ARNAB SAHA

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## Summary

A Graduate in Bachelor of Technology with Honors in Computer Science and Engineering as a major from *Indian Institute of Technology (ISM) Dhanbad*. Interested in job roles in Software Development field. I have good reasoning ability, interpersonal and communication skills.

I currently work as an SDE II in Billing and Charging R&D department at Amdocs DVCI, Pune. My work revolves around Micro-services Architecture and Agile development using *Spring Boot & Java, Kafka, Ansible, Docker, Kubernetes, OpenShift, and Jenkins* orchestration technologies and deployment architecture. Went on Onsite in Europe for 2 months to guide a team of Dev-Ops and Testers for Microservices development.

Did an internship in Cyber Security Operations Center at Wipro Limited, Kochi dealing with Security Information & Event Management, and Minimum-Security Baseline Deployment.

## Work experience

June 2018 -  
Present

Software Developer II (*Current*)

**Amdocs Technology Limited**

- ❖ Working as Developer in application which does Billing and metering of Usages for our subscription contracts. It is based on Micro-services architecture using Spring Boot.

Experience highlights:

- Working as a Team guide and Point of Contact for the development of a Microservices based project for European Clients.
- Learnt myself about *Free & Open Source Software* (FOSS) and Automated the process of FOSS extraction for all the components of Billing, overcoming the Challenge of manual filtering and analyzing it.

Summer  
Internship 2017

Software Internship (*2 months*)

**Wipro Technology Limited**

- ❖ Learnt about C-SOC and Cyber Defense Center.

Experience highlights:

- Prepared Toolkit for **Security Information and Event Management** and Log-Based Monitoring Systems for various Clients for easy analysis of data.

Summer  
Internship 2015

Summer Research Internship (*2.5 months*)

**Indian Institute of Technology, Kharagpur**

- ❖ Software Research and Development on Big Data and Cloud Computing fields and implemented Map-Reduce Algorithm under Prof. Debashis Samanta.

Experience highlights:

- Learnt intermediate Java and Cloud computing basics

## Skills

Languages

- Unix Scripting – Korn, Bourne Again, RHEL (7/10)
- **Java** (8/10)
- Amazon Web Services aka AWS (6/10)
- Web Technologies -- HTML, CSS, jQuery, JavaScript (6/10)  
<https://arnab1996.github.io/>

Personal Projects

- GitHub projects -- <https://github.com/Arnab1996>

- Spring boot
- Liquibase
- Unix Scripting
- Lombok

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## Professional Projects

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### 1. Software which allows Telecom companies to comply with IFRS-15 (Current Project at Amdocs)

Working in fast-paced and time-sensitive Agile development methodology, designing and implementing Micro-services for Billing and metering usages feature. Our clients are leading Telecom leaders from the Europe and the US. Using Tech-stack like Kafka, Ansible, Spring boot & Java, Docker, Kubernetes, OpenShift, Jenkins and Oracle DB.

Went to onsite for *leading and guiding* the team for developing the business logic customization of the software. I act as a point of contact for Production issues from European and US counterparts and ensure timely deliveries.

### 2. Used Image Recognition framework to analyze Chest X-Ray Images for Early Detection of Cardiomegaly: HackfestISM 2016.

Using the Techniques and Algorithm of Radiological Image Processing, developed a software using MATLAB to detect the starting of Congestive Heart Failure. The Aim of the project was to reduce the cost and time required to diagnose heart disease.

Adopted by IIT(ISM) Dhanbad Image Processing & Computer Vision Team (CSE department) for further enhancements. <https://github.com/Arnab1996/Hackfest>

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## Education

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2018	Indian Institute of Technology (ISM) Dhanbad, Jharkhand Bachelor of Technology (Honors), Computer Science & Engineering (CSE) OGPA: 8.14 (Hons)
2014	Higher Secondary School Certificate, Maharashtra State Board Secured 80.46 %

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## Career Development

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### Interests and Hobbies:

- Spending time on online forums like [geeksforgeeks](#), [stack overflow](#), [medium](#) etc.
- Discussing and teaching others about technical topics, Competitive coding in leisure time.

### Extra-Curricular Activities and Achievements:

- **Student lead** for two years in **ACM-SIG** in *Cyber Security and Cryptography*.
- Active CMT (Centre Management team) in **Kartavya** (an NGO: for the upliftment and development of underprivileged slum children). [Kartavya](#)
- Organized **Prakash'17**, and **Prakash'18**, the annual event of Kartavya.
- Attended the Sixth Sense Technology, a workshop conducted by *Technophilia Systems*, in association with the Robotics & Computer Applications Institute of USA, October 2014.
- **Got Scholarship** under INSPIRE program for being in top 1% in Maharashtra in 12<sup>th</sup> MS Board.