[ARNAB SAHA](https://sites.google.com/view/arnab-saha-resume/home)



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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

Summer Internship 2017

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.

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>

Libraries

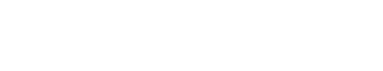


* Spring boot
* Liquibase
* Unix Scripting
* Lombok

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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 |  |
| **Interests and Hobbies:**  Spending time on online forums like [geeksforgeeks](https://www.geeksforgeeks.org), [stack overflow](https://www.stackoverflow.com), [medium](https://www.medium.com) 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](http://kartavya.org/)    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 programfor being in top 1% in Maharashtra in 12th MS Board. |  |

Professional Projects

Must have hands on development experience with cloud technologies such as  AWS.

• Experience designing and developing secure, flexible, scalable, customization, and reliable enterprise web based cloud-hosted applications using industry best practices.

•Hands on experience with software development technology stack including Java, Java-Script,

AngularJS, JSON, REST, SOAP, APIs, etc.

 • Experience with Linux/UNIX systems and the best practices for deploying applications to those stacks using Docker, kubernetes or Google App Engine (PaaS)

• Knowledge of Object-Oriented Analysis and Design (OOAD), UML, Agile Software Development, and coding best practices.

• Experience with Microservices development and design patterns. Ability to write quality unit and end–to–end tests and debug and optimize existing and new code.

• Good communication skills, proactive mindset and capacity to learn and work independently.