[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 a Full stack developer at Paytm, India. My work revolves around Micro-services Architecture and Agile development using *ReactJS* at frontend and *Spring Boot & Kotlin, Kafka, and Jenkins* orchestration technologies and deployment architecture, with Cassandra and MySQL Databases at Backend.  
Went on Onsite in Europe for 2 months to guide a team of Dev-Ops and Testers for Microservices development where in my previous company at Amdocs DVCI, Pune.

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 2020 – Present

June 2018 – May 2020

Senior Software Developer *(Current)*

***Paytm India Private Limited***

* Working as a Full stack Developer in application which does Insurance brokering for our subscribers & users. It is based on Micro-services architecture using Spring Boot and Kotlin, with Cassandra and MySQL Databases.

*Experience highlights:*

Working as a Team guide and design focal for the development of multiple REST Services based project for Paytm Insurance Clients.

Learnt myself about *Full stack engineering*.

Software Developer II *(2 years)*

***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.



Skills



Languages



* Unix Scripting – Korn, Bourne Again, RHEL (7/10)
* **Java** (8/10)
* Amazon Web Services aka AWS (6/10)
* Web Technologies – ReactJS, HTML, CSS, jQuery, JavaScript (6/10)

<https://arnab1996.github.io/>

Personal Projects



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

Libraries

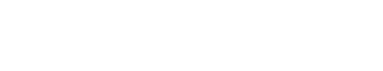


* Spring boot
* Liquibase
* Kotlin
* Lombok

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| 1. Software which allows Telecom companies to comply with IFRS-15 (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.

**Preferred Qualifications**

Oracle Applications Labs Seeks Exceptional Developers in India.One Fortune 100 company will use your innovations today, many more will tomorrow. Oracle Applications Labs (OAL) runs the Oracle software that runs Oracle. OAL is responsible for implementing, running, and improving nearly all of Oracle's Enterprise Applications: CRM, HCM, Financials, SCM, you name it. We use Oracle's own real-life business requirements as a "test bed" for innovation. We often race out ahead of standard product and build extensions and custom applications to meet the needs of our 100,000-employee, Fortune 100 company. Once proven, our ideas and innovations quickly find their way back into the core product.We also ensure that Oracle is always Oracle’s best reference for our enterprise applications. Today's projects include performing a global implementation of Oracle's cutting-edge Fusion applications; implementation of Oracle's Ebusiness Suite application modules; design, development and implementation of custom applications and extensions; implementation of Oracle BI and finding new and novel approaches to visualizing complex Financial and HR data to engage key Oracle executives; delivering the infrastructure to operate Oracle's Public Cloud SaaS and PaaS solutions; architecting applications optimally for the world's fastest servers (Exadata & Exalogic); delivering self-service Quoting, Order and Contract Management tools to sales, and designing universal worklist modalities on iPad and iPhone.

Tomorrow's projects? If you are a technical professional with a proven background in enterprise applications development & with strong technical references within the industry, then join us and find out!

Please apply, if you have the passion and drive to work in an environment where challenges are a norm, where individual brilliance is valued and goes hand in hand with team performance.

**Successful applicants should have/demonstrate:**Enthusiasm and passion for building next-gen enterprise apps In-depth knowledge and experience with one or more of the following languages: Java, J2EE

1 to 8 years IT experience in developing, supporting and implementing ERP/CRM/BI applications (preferably Oracle)Good communication (English), organizational and interpersonal skills Strong analytical, troubleshooting and problem solving skills Ability to present ideas in business & user friendly language

Ability to deliver effectively in a team setting as well as independently Ability to work in a fast paced virtual environment that demands co-ordination across time-zones

 Analyze, design develop, troubleshoot and debug software programs for commercial or end user applications. Writes code, completes programming and performs testing and debugging of applications. As a member of the software engineering division, you will perform high-level design based on provided external specifications. Specify, design and implement minor changes to existing software architecture. Build highly complex enhancements and resolve complex bugs. Build and execute unit tests and unit plans. Review integration and regression test plans created by QA. Communicate with QA and porting engineering as necessary to discuss minor changes to product functionality and to ensure quality and consistency across specific products. Duties and tasks are varied and complex needing independent judgment. Fully competent in own area of expertise. May have project lead role and or supervise lower level personnel. BS or MS degree or equivalent experience relevant to functional area. 4 years of software engineering or related experience.

Enthusiasm and passion for building next-gen enterprise apps

In-depth knowledge and experience with one or more of the following languages: Java, J2EE

1 to 8 years IT experience in developing, supporting and implementing ERP/CRM/BI applications (preferably Oracle) Good communication (English), organizational and interpersonal skills

Strong analytical, troubleshooting and problem solving skills

Ability to present ideas in business & user friendly language

Ability to deliver effectively in a team setting as well as independently

Ability to work in a fast paced virtual environment that demands co-ordination across time-zones

Detailed Description and Job Requirements Analyze, design develop, troubleshoot and debug software programs for commercial or end user applications. Writes code, completes programming and performs testing and debugging of applications. As a member of the software engineering division, you will perform high-level design based on provided external specifications. Specify, design and implement minor changes to existing software architecture. Build highly complex enhancements and resolve complex bugs. Build and execute unit tests and unit plans. Review integration and regression test plans created by QA. Communicate with QA and porting engineering as necessary to discuss minor changes to product functionality and to ensure quality and consistency across specific products. Duties and tasks are varied and complex needing independent judgment. Fully competent in own area of expertise. May have project lead role and or supervise lower level personnel. BS or MS degree or equivalent experience relevant to functional area. 4 years of software engineering or related experience.

Linux/Unix development (Oracle Linux preferred)

Oracle database experience is an advantage

CI/CD (Jenkins and GitLab CI)

Containers and orchestration (Docker, Kubernetes, and docker-compose)

Cloud computing platform (Oracle Cloud Infrastructure Services)

Programming and scripting languages (Python, Bash, Java Script - additional experience with, Java, Ansible, and/or Go is a plus)

Git version-control and collaboration (GitLab)