

# ARPIT KHANNA

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SDE-2

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Coworks, Bangalore

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- Finalist of the Philips Hackathon of 2017 for building a prototype of "ultrasonic goggles for blind".
- Got the award of "Most innovative tool" in Philips Hackathon 2016 for designing a utility for end to end automated testing of DICOM and HL7 protocols
- Came second in NIT Jamshedpur techfest for building a desktop app to control basic commands of laptop via bluetooth.

## EDUCATIONAL CREDENTIALS

- NIT Jamshedpur 2015 B.Tech Computer Science and Engineering CGPA: **8.04/10**.
- City Montessori School, Lucknow (2010) (XIIth), ISC Board **93.6%**
- City Montessori School, Lucknow (2008) (Xth), ICSE Board **92.4%**

## PROFESSIONAL EXPERIENCE AND PROJECTS

- Coworks, Bangalore - Software Development Engineer-2 (June-2019 – Present)
- Philips Innovation Campus, Bangalore - Software Engineer-2 (September 2017 – May 2019)
- Philips Innovation Campus, Bangalore - Software Engineer (June 2015 – August 2017)

### Coworks

Project	Communication Service for Coworks app
Technology	Python, Django, PostGres, celery, rabbitmq, AWS services. Docker
Description	Designed and implemented REST endpoints for email, sms and push notification. The tasks to push sms and email are made asynchronous using celery and rabbitmq

Project	Day Pass booking for the Coworking space
Technology	Python, Django, PostGres, celery, rabbitmq, AWS services. Docker
Description	Designed and implemented REST endpoints for booking a daypass for the coworking space. These endpoints include

Project	Profile Service for user profiles
Technology	Python, Django, PostGres, celery, rabbitmq, AWS services. Docker
Description	Designed and implemented middleware and endpoints for user profile system. Middleware is designed to store new and old values to a table for any request made. Endpoints implemented include user role and details related apis.

### Philips

Project	Project Control Center: A web admin dashboard to monitor various activities of Philips products
Technology	Python, Django, HTML, Javascript, powershell, Jquery., REST api , Selenium, TestComplete, MongoDB
Description	The Central admin dashboard for the R&D lab and various product teams to perform, manage and monitor various events, services and automations in the in regards to the products and infra. Following are the few applications that are implemented from scratch by me including backend and frontend. <ul style="list-style-type: none"><li>● DICOM Injection Tool: Web UI to simulate DICOM and HL7 traffic from the UI to an HL7 broker and a DICOM listener (configurable from UI)</li><li>● Repair Kit: Web application to do a health check on various Philips products and perform basic repair operations and generate a report available on UI.</li></ul>

Project	Illumeo- A Philips in house product
Technology	C#, RabbitMQ, .Net, WCF, ELK
Description	Ilumeo is a Philips healthcare universal viewer for medical images. I was responsible for implementing the end to end ELK flow for log flow