Nishant Ambiya

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| Career Objective |

To seek career growth in IT- Industry with an Organization where Performance is rewarded with challenging opportunities, striving for better career prospects and to assist in continued Development of Organization.

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| Professional Experience |

* Software developer with 2 Years of Experience in Agile, Devops development – from concept through delivery of Application’s design and customizable solutions.
* Currently Employed with **Ericsson**, **Gurgaon** as Software developer on Ericsson Cloud Infrastructure Manager, Docker, Devops & OpenStack Technology.
* Working as a Full Stack developer as Angular Frontend, Python Backend and Elasticsearch.
* Worked with **ASET Research, Noida** as Software Developer for Client **Essar Steel Ltd.** on Robotics project
* Worked with AgVa Healthcare Pvt Ltd as Full Stack Engineer.

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| **Roles & Responsibilities** |

* Frontend Development using Angular, HTML, CSS, TypeScript, JavaScript, d3.js.
* Backend Development using Python, Flask API framework, Elastic Search on docker platform.
* Using Agile, Devops and CICD pipeline methodology for development.
* Developing POC's for complex business requirement in Machine Learning, Python based applications, Robotics ,IOT based Applications.
* Developing Code, deployment of Software applications on Dev/Test/Prod environment.

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| **Project Chronology** |

[**Ericsson Operation Cloud Infrastructure Manager**](https://www.ericsson.com/en/portfolio/digital-services/cloud-infrastructure/operations-manager-cloud-infrastructure) **(Ericsson)**

It is a one stop solution to monitor all the Ericsson cloud products from a single pane of glass portal. Its gives full view of Ericsson cloud solution to the customer. Developed dashboard, implemented metrics graphs using d3.js

* Role: Software Developer
* Environment: Angular, Typescript, d3.js, Kubernetes, CICD, Docker, Flask-API

**Cognitive Search (Ericsson)**

Elastic Search and Cognitive Search using Whoosh and Universal Sentence Encoder Algorithms, used to remove duplicate Jira issues and get root cause analysis. Forecasting of tickets using FBprophet algorithm. Analytics of issues i.e. trends. For front-end view used angular to display all above features.

* Role: Software Developer
* Environment: Angular Frontend, Machine learning, NLP, Python, Cognitive Search.

**Ericsson NFVI LLD Automation(Ericsson)**

Nfvi LLD is an automation tool for developing LLD design for a network.

* Role Software Developer
* Environment: Angular frontend, Python automation scripts backend**.**

**Ericsson Cloud Environment Deployment (Bharti-Airtel- Manesar Datacenter)**

Openstack Cloud Deployment on HP Blade Servers. Configuration of cloud according to clients need.

* Role: Integration Engineer
* Environment: Openstack, Linux, HP Blade servers, Shell scripting.

**Coil Marking Robot (Essar Steel Ltd)**

Its a robotic arm that is used to mark on the steel coils. My role is to make a portal that is used as an interface for communication between client database and robot PLC.

* Role: Software Engineer
* Environment: Java socket, JavaFX, Multithreading, Arduino.

**AgVa Healthcare Ventilator (AIIMS Delhi)**

Development of ICU Ventilator

* Role: Robotics Embedded Engineer
* Environment: Raspberry pi, Python Embedded Programming, I2C communication.

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| Technical Skill Exposure |

* Programming Language: Python, Angular, JavaScript, Typescript
* Application Server: Apache, NGINX, Mod wsgi python
* Database: Elasticsearch, PostgreSQL.
* Framework: Python-flask, Angular
* Operating System: Windows, Linux
* Primary Skills: Restful Web services, Kubernetes, Docker, CICD, Jenkins, Spinnaker,
* Secondary Skill: Shell scripting, Raspberry pi, Arduino, IOT

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| Academic Project: Design & Development of Robotics Control & Movement Using Mobile |

# Tele Presence Robot

# Project mainly aims at the designing and development of Robotics movement using Mobile. The project involves the use of Raspberry pi, 4:16 Decoder (IC 74154), DTMF Decoder (IC 8870), opt coupler (IC 817), H-Bridge, DC Motor, Capacitor, Resistor & Regulator. Programmed using Java Embedded Language and Java Android Code.

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| **Industrial Training Exposure: ASET Research Institute Noida** |

Training Exposure: Python Embedded, Raspberry pi, Microcontrollers.

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| Academic Details |

**BE** in **Electronics and Communication** with Aggregate of 89%from **Jaypee University, Noida** in 2014-18.

**S.S.C** from CBSEwith Aggregate **89.20 %**

**H.S.C** from Sacred Heart School (**ICSE)** with Aggregate **88.57 %**

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| Personal Details |

Father’s Name: Mr. Subhash Ambiya

Mother’s Name: Mrs. Prem Ambiya

Date of Birth: 14-01-1997

Language Known: English, Hindi

Marital Status: Single

Nationality: Indian

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| Declaration |

I, hereby, declare that the above-mentioned information is correct and I bear the responsibility for the correctness of the above-mentioned particulars.

**Place:** Gurgaon Yours Sincerely

**Date:**  **(Nishant Ambiya)**