

Bharat Narayanan

SOFTWARE DEVELOPER · DESIGNER

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About me

With a background in Computer Science and inclination towards design, I explore how human aspect to technology can be used to improve lives and create better experiences.

Work Experience

Infosys Ltd.

Pune, India

SENIOR SYSTEMS ENGINEER, **ICETS** (INFOSYS CENTER FOR EMERGING TECHNOLOGY AND SOLUTIONS).

December 2017 - PRESENT

- Developer for Infosys NIA (Artificial Intelligence platform) Chat Bot framework. Developed core modules and features which enables users to create production-ready chat and voice bots.
- Worked on voiced based Chat Bot POC's using Speech Frameworks like Alexa, Dialogue Flow.
- Well versed with Agile methodology and Front-end/Unit/Load testing frameworks like protractor, Junit, Jmeter.
- **ROLE** : Working as a Full-Stack developer to Conceptualize, Design and Develop Key features for Infosys NIA Chat Bot framework as well as help in client implementations.

Infosys Ltd.

Pune, India

SYSTEMS ENGINEER, **ICETS**

August 2016 - November 2017

- Designed, Analyzed and Developed interactive experiences and simulations in AR/VR/MR for various clients in banking, education and auto-mobile domain.
- Successfully built a POC on virtual shopping experience in HoloLens and replicated the same solution in web-based application using X-Reality frameworks like ARToolkit, AR.js, arframe and three.js for mobile devices.
- Familiar with Version Control and Code Management tools like TFS, Git etc.
- **ROLE** : Worked as a UI/3D and back-end developer in a team setup.

Infosys Ltd. (Internship)

Mysore, India

SYSTEMS ENGINEER TRAINEE

January 2016 - May 2016

- Developed **Foundation Program Evaluation Dashboard (Final Year project)** with interactive charts using JAVA and web development technologies for managers to get insight on the performance of Trainees at Infosys.
- Managers can compare, filter, search, perform analysis, give feedback and download the results in the form of Excel Sheet.
- **Tools and Technologies** : PostgreSQL and Eclipse. Java, HTML, CSS, Javascript, PrimeFaces
- **ROLE** : Brain stormed and gathered information on what insights can be shown. Developed the web portal using web-development technologies and integrated interactive charts.

Education

Amrita School of Engineering, Amrita Vishwa Vidyapeetham

Amritapuri, India

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

August 2012 - May 2016

- **Overall GPA** : 7.56 / 10
- **Subjects** : Algebra, Statistics, C, JAVA, Data Structures, Algorithms, Database Management Systems, Operating Systems, Computer Graphics, Computer Vision, Formal language and Automata, Computer Organization and Architecture

Skills

Development : Java (core), C++, Python, Web development technologies.

Programs and Software's : Unity 3D, Eclipse, Adobe XD

Research & Design : User Research, Journey Maps, User Personas, Wire-framing, Prototyping

Others: GIT, Agile Methodology

Life Skills & hobbies: Playing Violin, Football, Video games, cooking and Coin Collection

Achievements

May 2018 **Insta Award**, For contributing effectively to various Chat Bot related POC's

Pune, India

Projects

ACADEMIC

Hospital Management System

Amritapuri, India

December 2014

- This system provides easy access and management of doctor and patient information, helps take efficient decisions to provide better patient care.
- Digitization of doctor details like appointments, specializations, and salaries and in-patient and out-patient details like medical history, vitals, billing invoices, lab results, consultations, and treatments.
- **Tools and Technologies** : Java, PostgreSQL and Eclipse.
- **ROLE** : Architected the database by gathering information on Doctor appointments, lab results, medical history etc.

PERSONAL

Time's Up

Pune, India

August 2018

A HYPOTHETICAL TIME TRADING APP

- A mobile application to trade time instead of money in return for pretty much anything like buying groceries from a supermarket or getting your car fixed from a garage.
- **Processes** : User Research, User Persona, Scenario Map, Wire-frames
- **ROLE** : This was an individual project that I worked on based on the fundamentals of UX principles. Conducted user interviews, created wire-frames based on user feedback.

Extracurricular Activity

Sparsh CSR club

Infosys Ltd.

VOLUNTEER

2017 - PRESENT

- Taught and assisted underprivileged students of local government schools from class V to VII and conducted workshops for their overall development.

Student Social Responsibility club

Amrita university

VOLUNTEER

2015 - 2016

- Conducted an awareness campaign on "Harmful effects of food adulteration" and a workshop on "Organic farming" for school students of class VII of Amrita Vidyalayam.

Embracing the world

Amrita university

VOLUNTEER

2013 - 2016

- Volunteered at international and national events such as Shabarimala clean up drive, Amala Bharatham Campaign organized by the NGO.

Other Details

Languages Known : English, Tamil, Hindi, Telugu, Malayalam and Marathi