

SUBHASIS DUTTA

General Electric, Whitefield, Bangalore, India

Web: subhasisdutta.com | Email: subhasisdutta300887@gmail.com | Mobile: +91-9686433777

EDUCATION

Biju Patnaik University of Technology, India

Bachelor of Technology in Computer Science and Engineering, July 2010

CGPA: 7.8/10.0 or GPA: 3.27/4

PROFESSIONAL EXPERIENCE (53+ months)

Software Engineer **General Electric (GE) Healthcare, Bangalore, India** **December 2013 – Present**

**Responsibilities
&
Achievements**

- **Developing a product** that helps **healthcare organizations** provision their resources and carry out all **governance related monitoring activities**.
- Completed all User Stories for two releases successfully with no major bugs.
- Submitted an **Intellectual Property** which is under consideration for **patent filling**.
- Working on a **Crowdsourcing** project on using **Google Glass** for asset management.

Consultant **International Business Machine (IBM), Bangalore, India** **July 2013 – December 2013**

**Responsibilities
&
Achievements**

- Setting-up of an **insurance exchange** required for the implementation of Affordable Healthcare Act for one of the state of United States.
- **Developed an application** which asks questions based on past user response, maps the data collected and verifies them with external sources.
- Designed a system for **automated testing** on different browsers reducing time and effort required for tedious manual testing helping **bringing down development time by 30%**.

Senior Systems Engineer **Infosys, Bangalore, India** **July 2010 – July 2013**

**Responsibilities
&
Achievements**

- Worked on development of a **collaboration platform (Infosys Labstorm)**.
- Designed a mechanism to pre-compute results of computationally intensive task and storing them in memory, **bring down processing during runtime by 40%**.
- Published **two whitepapers** on **Robotics Landscape** and **Cloud Robotics** which were used to identify and do feasibility study on the areas in robotics that Infosys could invest.
- Created a **responsive web portal** for a **US telecom company** that helped **increase** user experience and **time spent on the web site by 15%**.

INDUSTRY TRAINING & CERTIFICATION

- **IBM Curam Certified Developer** Certification with a score of 86%.
- **INFOSYS – Foundation Training Program** in JAVA with top grades.

ACADEMIC PROJECTS

- Implemented a system for **coordination of multiple autonomous agent's** to achieve a global goal of maximum area coverage.
- Built an **autonomous robot that could detect and traverse a path avoiding obstacles** using **image processing and proximity sensors**.

TECHNICAL SKILLS

Programming Languages	JAVA (Proficient), Python (Proficient), C# (Intermediate), C, C++ (Intermediate), JavaScript (Proficient), XML, MATLAB (Intermediate), R (Beginner)
Database	MYSQL, Microsoft SQL Server, Mongo dB, Oracle, Neo4j
Software	Eclipse, Visual Studio, Github, Team Foundation Sever
Cloud Technology	Google App Engine, Apache Hadoop, Solar, Giraph

ACTIVITIES & AWARDS

- **Certificates for Performance and Contribution** at **Infosys** in 2012 and **GE** in 2014.
- **Co-founded XS-Robotics** with a vision to provide service for the robotics market in August 2008 and provided service to students and hobbyists for two years.
- **Trained undergrads in robotics at eight institutes** in three different states of India, 2009-10.
- **Leader of collage robotics team** in national round of **ABU Robocon** (an Asia-Pacific College robot competition) in 2008 and 2009.
- **Winner of an international level programming competition** organized by **Indian Institute of Technology, Kharagpur** in 2008.
- **Winner of Robotics Competition** held at **ten engineering colleges** between 2007 and 2009.
- Selected for **Indian National Computing Olympiad 2005** organized by Indian Association for Research in Computer Science.