SANDIPAN GHOSH

(404) 580-0600
sandipan.ghosh2015@outlook.com
https://www.linkedin.com/in/sandipang
https://github.com/SandipanGhosh

- Rich experience in technical and delivery roles.
- Been part of product development and software services. Worked in start-ups as well as Fortune 500 companies across geographies.
- Experienced in managing and working with geographically dispersed teams.
- Have been involved in project planning and management, requirement analysis, functional studies, quality reviews, design, development, testing, application maintenance and support.
- Vertical industry experience of Airlines Crew and Revenue Management, Cards and Payments, Reprographics, Embedded Systems, Wireless and Mobile Devices, Enterprise Architecture.

EXPERIENCE

Cognizant Technology Solutions   October 2009 to Present

- Currently involved in the application modernization initiative of revenue accounting applications by rewriting for private cloud and setting up of DevOps CI/CD pipeline.
- Successfully executed the platform migration of the crew re-route application for one of the largest North American airlines saving an estimated $250,000 over a period of 3 years.
- Designed and implemented a new contract management system for the delivery excellence ecosystem of the Cognizant Product & Technology Group (CAS PTG).
- Service Delivery Manager of the revenue management portfolio for one of the biggest European airlines.
- Responsible for the design and development of all the Merchant Front End group of applications for a leading payment processor.
- Active member of Cognizant Agile CoE, Microsoft tools and technology group, technical audit team, training group, quality core group and account level domain group.

American Reprographics Company   June 2007 to September 2009

- Designed and developed a new product called Abacus Copy Interface to control copiers from multiple vendors and track copy, scan and re-print jobs. This eventually became the basis for the successful Managed Print Services (MPS) product line.
- Developed a comprehensive software solution known as Abacus PCR to track, analyze, bill every print, copy and scan activity for a company or department. This eventually helped the companies to control and track spending of between 1-3% of its annual revenue.

Mindteck   December 2004 to June 2007

- Designed the network and developed the entire RF communication module for a wireless mesh network where readings from water and energy meters from customer sites are forwarded to a centralized gateway. This was one of the largest commercial installations of ZigBee and the first from Mindteck.
- Designed and developed multiple wireless applications for intelligent street lighting, industrial security systems, temperature and pressure sensing. These were some of the earliest projects of the ZigBee CoE and were showcased in the ZigBee Alliance Open House and Exhibition in Milan, Italy.

PRIMARY SKILLSETS

Programming Languages / Framework: C, C++, STL, Python, Java, Spring MVC, Spring Boot, Hibernate, Shell scripts, VC++, MFC, ATL, COM, SQL
Operating Systems: UNIX, Linux, Windows, Windows CE / Mobile
Development Tools / Utilities: make, gcc, gdb, valgrind, Maven, Gradle, Visual Studio, Eclipse
SCM: Visual Studio TFS, Visual Source Safe, Clearcase, SourceOffsite
CI / CD: GitLab, Travis CI, Jenkins, SonarQube, Nexus
Databases: MongoDB, SQL Server, Oracle, Sybase, ObjectStore, Versant
IaaS / PaaS: Amazon Web Services (AWS), OpenShift, Heroku
Embedded Technologies: JTAG, Packet Sniffer, IAR Embedded Workbench, Code Warrior, ZigBee (IEEE 802.15.4)

(404) 580-0600
sandipan.ghosh2015@outlook.com
https://www.linkedin.com/in/sandipang
https://github.com/SandipanGhosh

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**
  Validation Number - JP41G4X222E4QQ3G
  August 25, 2017 – August 25, 2019

- **AWS Certified Developer – Associate**
  Validation Number - Z27JLWC1CMQ118CQ
  November 08, 2017 – November 08, 2019

- **IBM Blockchain Essentials**
  August 11, 2018

EDUCATION

- **Master of Computer Applications** from West Bengal University of Technology
  Batch topper for three consecutive years.

- **Bachelor of Computer Applications** from Meerut University
  Batch topper for three consecutive years. University merit list.

WORK AUTHORIZATION

- Have valid H1B.