

ARITRA KUMAR NATH

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OBJECTIVE:

To work as an IT analyst applying my knowledge and expertise to add value to the business processes of the organization.

SKILLS:

- C/C++/VC++/C#, ASP .NET, SQL Server, UNIX Shell Programming, PL/SQL, Oracle API Programming, Oracle Reports, MATLAB
- Oracle Applications ERP, Technical & Function knowledge, iProcurement, iSupplier, Purchase Order/Inventory/Order Management modules
- Knowledge of QA methodologies : Six Sigma (Green Belt), CMMI, TQM

EDUCATION :

University of Florida, Gainesville, Florida (January 2009 – December 2010)

Master of Science, Computer Engineering

Graduate Coursework : Aesthetic Computing, Virtual Reality, Computer Simulation, Computer Graphics, Parallel Computing Architectures, (CUDA) programming, Algorithms Analysis & Design., Computer Networks, **GPA 3.0/4.0**

IIT, Visvabharati University, Kolkata (October 2000 – June 2004)

Bachelor of Technology, Computer Science, **GPA 7.0/10**

PROFESSIONAL EXPERIENCE :

Intern, Liventus (May 2010 – Present)

- Design, develop & modify ASP.NET Applications,.NET components, Web Services & Enterprise Services components.
- Create technical documentation such as design documents, specifications, software architecture documents.
- Analyze design and architectural issues and questions.

Intern, The Strategic Group (January 2010 – May 2010)

- .NET developer, developing web e-Commerce and web analytics applications.
- Search Engine Optimization

Research Assistant, Dept. of Mechanical & Aerospace , University of Florida (July 2009 – January 2010)

- Integrated C/C++/Fortran codes to compile MATLAB mex files on Windows, Linux & Mac

Assistant System Engineer, Tata Consultancy Services, TCS (December 2004 – November 2008)

Clients : GE Health Care, GE Plastics, GE Asset Intelligence, GE Security, ALCOA

- Development team for Self Service Purchasing (SSP), iProcurement and iSupplier implementation integrated with Oracle Purchasing and Payables
- Lead a team of 3 technical consultants supporting the client's **iProcurement**(non-catalog items) system
- Performed a 6 sigma DMADV analysis exhibiting the efficacy of the new **CAPA** system in reducing vendor payment accruals to less than 0.005%
- Developed PL/SQL codes for **CAPA** for everyday reconciliation of transaction data between iProcurement & General Ledger
- Formulated the database design and wrote PL/SQL codes to interface data between Siebel & Datawarehouse for GE Plastics
- Implemented business logic and database transaction processing using Oracle APIs to facilitate ease of online PO entry for general users
- Proposed & developed an Oracle PO Report to be emailed to PO requestors for individual records
- Technical consultant, Oracle Applications for the **Purchase Order, Inventory & Order Management** cycle

Software Engineer, SISS(India) Pvt. Ltd (July 2004 – October 2004)

- Created a tool to display differences between 2 frames of the same video input
- XML outputs of the original and modified video frames from a video verifier was used as input to the tool
- Both XMLs parsed and the graphs displayed with differences indicated with Gaussian blurs

Software Quality Assurance Engineer Intern (Tata Technologies) (September 2003 – October 2003)

- Implemented the process optimization guidelines for a web enabled application based on the CMM framework to guide project managers to execute projects following processes with Level 5 maturity

GRADUATE SCHOOL PROJECTS : @ <http://www.cise.ufl.edu/~akn/>