

Abhishek Tripathi

✉ 133 Dell Street, Syracuse, NY 13210
☎ (315) 503-5025 ✉ tripabhi07@gmail.com
🌐 www.linkedin.com/in/tripathiabhishek1

EDUCATION

Syracuse University, College of Engineering and Computer Science – Syracuse, NY

Master of Science, Computer Science

Dec. '15

Courses: Design and Analysis of Algorithms, Principles of Operating Systems, Computer Security

Visvesvaraya Technological University, New Horizon College of Engineering – Bangalore, India

Bachelor of Engineering, Computer Science and Engineering

July '11

TECHNICAL SKILLS

Programming Languages: C#, ASP .Net, C

Operating System: UNIX, MS Windows

Tools: Microsoft Visual Studio, MS Office Suite, git, SQL Server Reporting Services, SQL Server Integration Services

Databases: SQL Server, Oracle

Web Technologies: HTML, CSS, JavaScript, jQuery, jqPlot

INDUSTRY EXPERIENCE

On Route Digital Media Solutions, Software Developer Intern– Syracuse, NY

Mar. '14-Present

- Design, develop and maintain RESTful based Web Services and worked on MVC4 and entity framework model to design and develop portal to create and deliver content
- Design and maintain MS SQL Server for data storage, retrieval
- Design system and integrate Bluetooth Low Energy (BLE) devices for hyper local context aware marketing system
- Implement Geo Fencing for Beacons to deliver content based on the geographic location
- Design and develop of Admin Dashboard for improved target delivery, increased the productivity by 10%

TATA Consultancy Services Ltd, Systems Engineer– Hyderabad, India

Jan. '12- Jan. '14

- Interacted with the client (PwC) to understand their requirements and provided technological solutions
- Built, tested and deployed highly available ,scalable and modular software product
- Used Fortify to analyze code for any security vulnerability
- Proposed and enhanced the existing application with more features to improve the productivity of the tool
- Developed web and desktop based applications using .Net and SQL Server
- Coded, tested and supported the application to complete the full life cycle
- Trained new associates to make them project ready

RESEARCH EXPERIENCE

CSIR - Centre for Mathematical Modelling and Computer Simulation, Project Trainee– Bangalore, India

Jan. '11-May '11

- Implemented and analyzed primality testing algorithms (AKS, Miller Rabin)
- Proposed ways to improve time complexity of the algorithms

CERTIFICATIONS

- Certified C++ Programmer, National Institute of Information Technology Aug. '08
- IBM Rational Functional Tester Certified June. '11
- IBM DB2 Certified Aug. '12

PUBLICATIONS

- **Abhishek Tripathi, Dr. G. K. Patra. Analysis and Implication of Fast Multiplication Algorithms in Cryptographic Applications**, Recent Advancement in Information Technology,2012; Organized by IEEE -Indian School of Mines, India [accepted]

PROFESSIONAL AFFILIATIONS

- Institute of Electrical and Electronics Engineers (IEEE)
- Computer Society of India