**DEEPALI BAGUL**

650 Mix Avenue Apt 5K, Hamden, Connecticut -06514

406-599-4059, [deep31civil@gmail.com](mailto:deep31civil@gmail.com)

**SUMMARY**

* Graduate level Civil engineering student with 6 years of progressive experiences in project controls, contract administration, site inspection and risk management, budget and schedule, design, material and labor management on construction projects
* Experienced management and leadership skills on Target Projects and project milestones
* Comprehensive knowledge and hands on experience with scheduling software PRIMAVERA P3 and P6, Microsoft Project, MS Visio and GIS. Good understanding of the analytical solutions involved while solving using these tools. Hands on experience with Auto CAD, STAAD Pro, RISA 3D, Matlab, SAP- 2000, Microstation, Mathcad and Microsoft Office
* Worked in teams on roadside safety analysis, geometric design calculations and Earned Value Analysis for multiple projects
* Well versed with AISC and ACI
* Highly motivated, quick-learner and resourceful. Positive attitude with problem solving abilities. Effective communication and presentation skills

**EDUCATION**

**MASTERS IN CONSTRUCTION ENGINEERING MANAGEMENT**May 2011

Clemson University, Clemson, South Carolina

**BACHELORS DEGREE IN CIVIL ENGINEERING**July 2006

North Maharashtra University (NMU), Jalgoan, India

**DIPLOMA IN CIVIL ENGINEERING (3-YEAR)** July 2003

Government Polytechnic Dhule, Maharashtra, India

**PROFESSIONAL EXPERIENCE**

**MASTERMIND ENGINEERS** Banglore, India Intern05/ 2009- 07/ 2009

* Developed inspection reports, site supervision, quantity surveying supervision of construction, planning, scheduling and site design for highway projects. Generate AutoCAD drawings
* Coordinated with supervisors and clients in an efficient manner
* Perform calculations and Analysis on Projects, develop project schedules, resource load
* Prepare daily reports as part of the quality control department, variance reporting and earn value calculations
* Maintain documentation for on-site issues, project records, potential change orders and contract modifications
* Address technical questions, issues and identify changes and correlate data by communicating with operation managers and project engineers
* Negotiate change orders. Responsible for Pricing and Estimating of Proposals

**BRIHAN MUMBAI MUNICIPAL CORPORATION, STATE GOVERNMENT** MumbaiIndia

Sub Engineer 05/ 2008 – 12/ 2008

* Managed a team of five Junior Engineers
* The gross budget for the project is $2 Million
* Invited tenders, bidding, planning, scheduling, designs and execution according to the state policies
* Distributing and balancing the work among project partners. Responsible for providing technical guidance, coaching and mentoring to junior engineers and technicians/technologists
* Handle the tasks of developing design concepts, generate AutoCAD drawings, understand the necessity of maximizing the productivity of construction and technical workforce
* Prepared Cost Estimates, Conceptual Estimating, Design Co-Ordination, Claims, Scheduling, EPCM's and hard bid projects
* Overall operation of the site including budget and quality
* Negotiate change orders. Track productivity to the budget and percentage complete.
* Developed inspection reports and site supervision. Ensure compliance with plans, specifications, and regulations
* Coordinating with site contractors, sub-contractors and craft personnel.
* Providing feedback to supervision on the status of and performance of Sub-Contractor(s)
* Directing of work activities and managing the work environment

**PATNI COMPUTERS SYSTEM INDIA LTD.** Pune, India

Associate officer (design) 05/ 2007 – 04/ 2008

* Developed building units using coding.
* Designed & detailing of lumber structures using BC Framer & BC Calcs, Mitek
* Guided other team members, work allocation & monitoring and QC/QA activities
* Coordinated and organizing seminar for kitty phase/ Technical discussion with onsite client
* Prepared study reports, Defect analysis reports, Design templates and standard track sheets

**INTECHDESIGNS INDIA PVT. LTD.** Mumbai, India

Trainee Engineer12/ 2006 – 04/ 2007

* Designed of pre- engineered buildings (PEB) structures, USA
* Designed Commercial structures.

**MASTERMIND ENGINEERS** Dhule, India Engineer11/ 2003- 09/ 2006

* Developed inspection reports, site supervision, planning, scheduling, and designs checks for highways and rail projects
* Generated detailed drawing using AutoCAD. Prepared designs and plans under close supervision using civil engineering software packages. Developing status and summary level custom reports for the clients
* Prepares project schedule, resource load, resource leveling, develop variance reports and earned value calculations
* Monitor progress of work and prepare daily reports for the owner as part of the quality control department
* Apply standard techniques and procedures and criteria to carry out tasks. Adjust and correlate the data with the activities

**RESEARCH PROJECTS EXPERIENCE**

**PROJECT MANAGEMENT, CLEMSON UNIVERSITY** January 2010

* Rebuilding Haiti and Constructability – Use of CII practices for construction industry
* Redesign of Haiti- Transportation, Water treatment, sewage treatment and logistics

**CONSTRUCTION PLANNING AND SCHEDULING, CLEMSON UNIVERSITY** January 2010

* Planned and tracked for HABITAT project, Woman built habitat project, Pickens County, Liberty
* CPM Scheduling & Cost Control, Reporting and Analysis for HABITAT project

**COMPUTER AIDED DESIGN OF OPEN SILO** April 2006

* Earthquake resistant structure using **STAAD- PRO** forZONE IV, Latur,INDIA
* Studied Practical applications of STAAD- PRO software
* Static and dynamic Analysis of G+6 Storey silo using STAAD- PRO

**AWARDS**

* Maharashtra state Government (INDIA)Scholarship for higher education abroad
* Rank 3rd in Bachelors of Science degree and Rank 2nd in diploma in Civil Engineering
* “Self – Compacting Concrete” March 2005

Paper presentation at student research day, SSVPS College of Engineering

* “Safe and pollution free environment “ March 2004

Paper and poster presentation at student research day, North Maharashtra University

**AFFILIATIONS**

* American Society of Civil Engineers
* Clemson Engineers for developing countries
* Registered Engineer- in – Training, EIT

**ACTIVITIES**

* ‘People for Ethical Treatment of Animals’(*PETA*) volunteer
* Offered jobs in the ***Indian Space Research Organization, Bangalore, and Maharashtra State Power Generation department, Mumbai***
* Competed at State Level Baseball Player, India
* Student Patrol Officer at Clemson University Police Department
* Member of SGI-USA, Association for peace, culture and education

**ADDITIONAL INFORMATION**

* Willing to relocate. Available to work immediately
* Possess Social Security Card and Valid US Driving License. References will be pleased to furnish upon request