Md. Rayhan Chowdhury

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Objective:

- Want to work as a professional in an organization where skill is evaluated, priority is given on creativity, hard working, self motivation, dynamism and enthusiasm.

Executive Summary:

- **Database Officer** at Presidency University from 1st January, 2008
- **Lab Supervisor** at Presidency University from 1st August, 2006 to 31st December, 2007
- **Programmer** at KBK Structural Design L.L.C. from 1st January, 2006 to 31st July, 2006
- B Sc. In Civil Engineering , Major Structure, CGPA 3.94 on 4 scale
- Conducted dissertation on Buckling of Column with two Intermediate Elastic Restraints
- Very efficient in PHP-MySQL based web application development.
- Designed a 13th storied Commercial cum shopping complex building in capstone design project.
- Participated in conducting various events and voluntary works in the university.
- Open source enthusiast

Work Experience:

- **Database Officer** at Presidency University from 1st January, 2008
    - Maintenance and Development of *Online Student Information Management System*.
    - Development of *Online Employee Management System* which includes Salary Generation, Employee Evaluation along with many others features.
    - Development of *Online Store Requisition System*.
- **Lab Supervisor** (Part-time) at Presidency University from 1st August, 2006 to 31st December, 2007
    - Developed *Student Information Management System (SIMS)* which includes student advising, accounting automation, grade submission, grade report/transcript/admit card/money receipt generation, class and exam scheduling along with various types of report generation.
    - PHP-MySQL technology was used.
- **Programmer**(part-time) at KBK Structural Design L.L.C. from 1st January, 2006 to 31st July, 2006
    - Developed some AutoCAD plug-in tools to aid in steel structure detailing using VBA and Visual LIPS. These are:
    - SShape, AutoCAD plug-in to draw structural steel member according AISC ASD 9th Edition and LRFD 3rd Edition Manual.
    - RsDetail, AutoCAD plug-in to draw beam and column details along with some detailing utility tools.
- Internship (2 months) at Housing And Building Research Institute (HBRI), Dhaka, Bangladesh
    - On pre-stressed concrete, Ferro-cement slab, panel, water tank and various technology innovated by HBRI and related to civil engineering construction and design
    - Conducted testing of various engineering materials in the HBRI labs.

Computer Skills:

- Programming   : PHP, C, C++, JavaScript, Visual Basic, Fortran
- Database   : MySQL, MS Access
- Servers   : Linux, Apache, Iptables, Squid, Sendmail, DNS
- Engineering   : ETABS, Arc View, STAAD Pro, AutoCAD, Maple, Mathematica.
- Graphics   : Fireworks, Adobe Photoshop, Adobe Illustrator, Corel Draw, 3ds MAX.
- Web Tools   : Eclipse PDT, Dreamweaver, VIM, CakePHP, Subversion, jQuery, Prototype, Scriptaculous, Blueprint.

Activities

- www.utopia-con.com, Utopia Reality Ltd. Website, a renowned real estate and architectural firm in Dhaka, Bangladesh.
- Organizational Secretary of Engineering Club of Presidency University (ECPU) for the period of 2005-2007. ECPU have conducted various seminars, cultural, sports and knowledge based programs during the period and I was the key person in these events.
- President of I-Blood, the blood information database of presidency university students and staffs. Under the banner of I-Blood I conducted many blood donation events between patients and I-Blood members.
- Designer of Nexus Generation, the one and only magazine of Presidency University.
- R-SOFT, plug-in software for quick 3D Building modeling in AutoCAD which is then exported to 3ds MAX for rendering.

Interest:

- PHP, HTML, Linux, Apache, jQuery, Web 2.0, Prototype, 3D Studio MAX, Maple, JavaScript, ETABS, Cricket, GIS, AutoCAD, MySQL, Subversion, CakePHP, Java, OOP, Eclipse PDT, Ajax, Scriptaculous, Dynamics, Structure, Mechanics, CSS, RoR, Python, Social Web, Graphics Design, Mathematica.

Education:

- B Sc. In Civil Engineering in 2007, Major Structure, CGPA 3.94 on 4 scale, Presidency University, Dhaka, Bangladesh.
- Dissertation on Buckling of column with two intermediate elastic restraints with the objective to find exact stability criteria for Euler column.
- Diploma in Civil Engineering in 2002, 1st Division (72.5 % marks), Sylhet Polytechnic Institute, Sylhet, Bangladesh

Personal Details:

- Father's Name   : Md. Shohrab Ali
- Mother's Name   : Rezia Akter Chowdhury
- Date of Birth   : 15th November, 1982
- Sex   : Male

- Nationality : Bangladeshi
- Language : English, Bengali
- Permanent Address : Vill- Churta, P.O. - Noropoti, P.S. - Chunarughat,
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