

**OBJECTIVE** A challenging private sector consulting position, on the basis of my skills in detailed structural engineering, project management and construction implementation

**EDUCATION**

**Pennsylvania State University**, University Park, Pennsylvania, United States of America  
Candidate for Master of Science, *Structural Engineering*, December 2001

**Birla Institute of Technology and Science**, Pilani, Rajasthan, India  
Master of Science (Honours), *Physics*, June 1990

**Birla Institute of Technology and Science**, Pilani, Rajasthan, India  
Bachelor of Engineering, *Civil Engineering*, June 1990

**PROFESSIONAL EXPERIENCE**

- |   |                              |
|---|------------------------------|
| <b>Pennsylvania State University</b> , University Park, PA<br><i>Graduate Research Assistant</i> , High-Performance Concrete Initiation   | <i>Jan. 2001 - to date</i>   |
| <b>Pennsylvania State University</b> , University Park, PA<br><i>Graduate Laboratory Assistant</i> , Concrete maturity for highway applications.  | <i>Aug. 2001 - Dec. 2001</i> |
| <b>Bechtel India Private Limited</b> , New Delhi, India<br><i>Senior Engineer</i> , Bajio Power Plant Project   | <i>May 2000 - July 2000</i>  |
| <b>Sepakat Setia Perunding Sendirian Berhad</b> , Kuala Lumpur, Malaysia<br>• <i>Team Leader</i> , Civil & Structural works for Putra Jaya Light Rail Transit Stations and Tunnels in association with WS Atkins, UK and Mott McDonald, UK.<br>• <i>Senior Engineer</i> , Project management team, Civil & Structural works for Kuala Lumpur International Airport, in association with Tarmac Professional Services, UK. | <i>Sep. 1997 - Apr. 1999</i> |
| <b>Desein Private Limited</b> , New Delhi, India<br><i>Senior Engineer</i> , 500MW Thermal Power Plant Project  | <i>May 1996 - Sep. 1997</i>  |
| <b>Consulting Engineering Services (India) Private Limited</b> , New Delhi, India<br><i>Senior Engineer</i> , Detailed engineering for several commercial building projects   | <i>July 1993 - May 1996</i>  |
| <b>Engineering Development Consultants Private Limited</b> , New Delhi, India<br><i>Design Engineer</i> , Detailed engineering for several industrial building projects   | <i>June 1990 - June 1993</i> |

**PRIMARY RESEARCH INTERESTS**

High-Performance Concrete, Concrete Durability and Construction Materials

**KEY INDUSTRY SKILLS SET**

- **Project Planning Services** – Feasibility studies and assessments
- **Project Preparation Services** – Preliminary designs, technical appraisals and advice, detailed designs, tender documentation and technical specifications
- **Construction Implementation Services** – Construction management, inspections, project management, interface coordination, quality assurance and surveillance, site supervision and contract administration.

**FIELDS OF EXPERIENCE**

Airport facilities, thermal power plants, storage/distribution, tunnels, pipelines, industrial and commercial buildings.

**COMPUTER CAPABILITIES**

- **Programming languages** : Sun JAVA, FORTRAN 77, BASIC
- **Engineering Software** : SAP90, STAAD-III(R22), GTStrudl, ATStruct
- **Operating Systems** : Windows 95/98/Me, UNIX, MS DOS
- **Productivity** : Office2000, Primavera project Planner, MathCad, Lotus

**PROFESSIONAL AFFILIATIONS**

- Student Member, American Concrete Institute (ACI)
- Student member, American Society of Civil Engineers (ASCE)