

## *Ryad C Rahaman*



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### **Career Summary**

I am a structural engineer with over fifteen years experience primarily in the area of structural analysis and design of commercial and residential buildings. My experience ranges from refurbishment of residential and retail buildings to new build residential, retail and office type structures with basements, up to ninety million pounds in project value.

My experience however, encompasses other areas of the civil engineering discipline as can be reviewed in the following sections.

I am currently a Senior Engineer with the engineering consultancy, Kemsob since moving back to Trinidad over two years ago and retain membership with both Apett and IstructE, UK.

I intend to write the IstructE exam for chartered membership next year having completed all the formal training requirements since 2005.

### **Work Experience**

<i>Title</i>	Senior Engineer	<i>Duration</i>	07/06 – Present
<i>Type</i>	Engineer Structural Design	<i>Industry</i>	Construction
<i>Employer</i>	Exeqtech Limited		
<i>Experience</i>	Major Jobs as project engineer:		
	1. GGIL Building, Maraval Road – 7 storey commercial building with two basements. Project value \$95,000,000. Client RGM. Status: completed.		
	2. Diamond Villas, Diego Martin – 40 Townhouses. Project Value \$45,000,000. Client Exeqtech Ltd. Status: Completed.		
	2. Bavarian Motors, Barataria – 2 storey car sales showroom and services building. Client Bavarian Motors. Status: Completed		

## Work Experience

*Title* Senior Structural Engineer *Duration* 09/05 – 07/06  
*Type* Engineer Structural Design *Industry* Construction  
*Employer* Akera Engineers (Former Price and Myers partner)  
*Experience* Extract from Company Practice Profile:

‘Ryad started his working life in T&T with the firm Hafeez Karmath as a structural design engineer. He subsequently moved to the UK to extend his experience and has now worked in London for 6 years. As part of the special projects team at Whitby Bird he developed a reputation for bespoke engineering structures. This experience has served him well in his subsequent jobs and at Akera Engineers he has taken control of some of the company’s major projects and run them in the position of team leader.’

## Major Project Experience @ Akeras

Walton High Post 16 School	David Gindley Architects
Hills Place, 221/223 Oxford Street	Future Systems
AMBX Demonstration Pavilion	Jump Studios
Horseferry House	AHMM
New Roman House	ORMS

He is very active at the institution and regularly attends meetings and engineering discussion groups.’

## Work Experience

*Title* Senior Structural Engineer *Duration* 04/05 – 09/05  
*Type* Engineer Structural Design *Industry* Construction  
*Employer* Price & Myers  
*Experience* At Price & Myers, I was the Project Engineer for two residential developments (with approximate project values of five million pounds each). My position required that I produce and deliver all design calculations, drawings, specifications etc., within the agreed fee and program. I attended all progress and design team meetings as lead engineer, worked closely with the architects and managed up to five no. staff at one time. They comprised two engineers and 3 drawing technicians whom I delegated work to, guided their designs and drawings and subsequently validated their end product.

## Work Experience

*Title* Design Engineer *Duration* 04/03 – Present  
*Type* Engineer Structural Design *Industry* Construction  
*Employer* URS Corporation  
*Experience* I am responsible for structural designs of buildings for two large residential developments. Barratt Homes are the clients and each site has up to 17 stories high tower blocks. My involvement ranges from scheme to final design of reinforced concrete flat slab structures. I deal with the client and all other professional services involved on a day-to-day basis to ensure delivery of all construction information. I have also spent time as a resident engineer for remedial works to one of Barratt Homes existing developments and even worked with our civils department in assisting in an illicit discharge field survey for two navy bases. I am currently responsible for the delivery of design and drawings for a seven million pound residential development.

## Work Experience

*Title* Design Engineer *Duration* 03/01 – 04/03  
*Type* Engineer Structural Design *Industry* Construction  
*Employer* Whitby Bird & Partners  
*Experience* My work experience was split between my times spent in two teams. For over the last year at WBP, I was in the ‘Special Projects’ team where I have worked on over fifteen jobs. The type of work varies and includes special structures, residential and retail fit outs and extensions and also new build. I have had management responsibilities on jobs with my title being ‘Project Manager’ on some. One of my more exciting projects included the design of a unique US\$600,000 staircase for Burberry Store, New York. In my former team, I was responsible for superstructure design works for three large office type city buildings.

*Title* Design Engineer *Duration* 6/99 – 8/00  
*Type* Engineer Structural Design *Industry* Construction  
*Employer* APR Associates Ltd.  
*Experience* I was responsible for managing the design department where I produced all structural design calculations for commercial and residential buildings both in reinforced concrete and steel and supervised the production of all structural drawings. I was also trained in project management and gained some experience in this area. My success was measured by the fact that our annual income increased by 70% in the last year and I was credited by the Ministry of Works for submitting the best design calculations for a secondary school.

*Title* Design Engineer *Duration* 1/98 – 5/99  
*Type* Engineer Structural Design *Industry* Construction  
*Employer* Hafeez Karamath Const. Ltd.  
*Experience* I was responsible for the structural design of commercial and residential buildings both in reinforced concrete and structural steel as well as supervising the production of structural drawings. My larger projects include the design of three hotel extensions. I was also responsible for the production of bar bending schedules and accompanying reinforcement arrangement drawings (e.g. Hilton Hotel Tobago at the foundation level) as well as steel fabrication drawings. I was also involved in construction management.

## Other Information

Computer Skills	PROKON	Robot Millennium
	CSC S-Frame	FASTRAK – Composite Beam Design
	QSE	TEDDS
	FABSEC	Cell Beam
	STAAD III ver 21.0	RISA 3D
	Microsoft Excel	Microsoft Word
	Microsoft Project	AutoCAD

## Education

BSc Civ Eng (Honors), The University of The West Indies 1997

## Seminars

Robot Millennium (1 day course)  
CSC S-Frame (1 day course)  
Health and Safety: Site and General Safety (1 day course)  
Reports and Essays: Writing skills (1 day course)  
ACI: An Overview of Design Methods for Reinforced Concrete (2 day course)  
Corus Construction/ Sci evening courses (10hrs)  
Various ICE evening Lectures (eg: Arbitration, Millennium Bridge, etc.)

