

Herkrishan Sohal

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Architecture Interiors Technical Design 3D Building Design

Professional Profile

An author of creativity and technical design with a proven track record of successfully delivering projects covering multiple design disciplines. Proficient in Concepts, Schematics, and Detailed Design. Specialising in Project Management, Business Development, Client Relations, Site surveys, Technical coordination with Contractors, Consultants and Resource allocation.

My formative Architectural flair and Technical Design skills unite to generate enthralling ideas that are brought to life. Each design is value-engineered and analysed to achieve functional, logical, effective solutions to fulfil the project's objective. This methodology fosters a greater yield and accomplishes each design phase within the set budget and time schedule.

Performing an integral role in bringing value to a diverse range of global projects. My expertise focuses on commercial offices, condominiums, mixed-use developments, residential projects, interior design, retail complex, luxury hotels and competitions.

Core skills and proficiencies

- Project management and team development
- Functional schemes via research integration
- 3D technical modelling and visualisation
- Managing construction documents
- Liaising with clients, estimators, contractors
- Concept proposals and Schematic Design
- Design Development and Detailed Design
- Professional presence in all circumstances
- Administrating effective solutions
- Strategic space planning and layouts
- Facilitating technical design outputs
- Communication and presentation skills

Expert level using the following software

- AutoCAD
- Autodesk Revit
- 3D Studio Max
- V-Ray Render
- Rhino 3D
- SketchUp Pro
- Adobe PhotoShop
- Adobe illustrator
- Adobe InDesign
- Microsoft Office

Education

1990-1992: West Thames College, UK
B-Tec National Diploma - Product Design

1992-1995: University of Westminster, UK
BSc Hons - Product Design Engineering

Professional Career Summary

Freelance - Architectural Designer & Technical Designer. London UK

May 2020 - Present

- Managing technical design outputs for Design + Build commercial projects. Performing site surveys to evaluate project constraints and construction programme. Liaising with clients, subcontractors, cost consultants, and suppliers to implement optimal design solutions in-line with a projects budget. Directing a team to produce Design Intent and construction documents.
- Awarded a design development contract from John Keells Properties by managing the successful proposal of a comprehensive scheme for a 141m tall, 33 level, 90 unit condominium tower, and a 176m tall, 35 level commercial office tower in Colombo.

Senior Architectural Designer - DP Architects. Singapore

September 2017 - April 2020

Design Manager for a mixed-use development in China, and a luxury hotel in Vietnam. Produced effective façade systems with engineers to improve construction and cost efficiency by streamlining the design, whilst delivering key architectural aesthetics.

Project - One Yu Long. Shenzhen, China

A development in the CBD, comprising of 12 residential towers, with 2700 units, positioned on a 96,000m2 GFA, 5 level multiplex retail podium. After the client rejected a rival firms design; my proposed scheme which hosts eleven 186m tall towers, and a 240m tall landmark tower was chosen and awarded the project contract for design development and tender documentation.

Senior Designer - Woods Bagot. Kuala Lumpur, Malaysia

September 2016 - August 2017

Delegated to expand Woods Bagot's name in South East Asia through winning bids and competition entries. This required Design Intent submissions and construction documentations for CAT-A workplace interiors, and luxury mixed-use developments.

Project - Tenaga Nasional Berhad HQ. Kuala Lumpur, Malaysia

A new 60,400sqm complex, housing 3100 staff in four office towers (56,000m2 NLA combined), including a 1050 pax capacity Mosque, and a 1030m2 exhibition centre. Together with Meinhardt Engineers, I facilitated a cost-cutting exercise of the large complex canopy, the Mosque dome, the office Atrium, and the office tower Brise Soleil. This strategy was approved for tender.

Designer & Business Developer - Minale+Mann. Singapore

March 2015 - August 2016

A British-European boutique Design + Build agency, specialising in luxury residential, commercial Interiors and high-end retail design. Responsible for Business Development by generating brand awareness through building client relations, securing contracts, and spearheading a marketing campaign with 'Singapore Press Holding' to launch Minale+Mann's bespoke services.

Architectural Designer - SAA Architects. Singapore

May 2013 – February 2015

My astute proposals contributed to five successfully delivered schemes for government-funded healthcare clinics and public housing projects in Singapore. In 2014, my curvaceous Alucobond Façade cladding and grand atrium roof design was selected for the main building complex and was attributed to winning a 12,500m² Integrated Healthcare and Polyclinic competition.

Architectural Designer & Manager of 3D Visualisation - Woods Bagot Architects. London & Dubai

February 2007 – April 2013

Employing my creative design and 3D skills to craft successful ideas and effective solutions for a multitude of ambitious projects. With the nature of the Gulf region; the developments were vast in size and challenging in their complexity, whilst working to stringent time lines. I directed a 3D Visualisation team to help excel the design process covering critical aspects in every project.

Project - Masdar & Irena HQ. Abu Dhabi, UAE

Built in 2015, this acclaimed G+6 office is powered by renewable energy and designed to cut energy costs by 50%.

I created the distinctive 40% vision glass to 60% cladding façade with Louvres to reduce cooling costs and heat gain. For the three Atrium entrances serving each office wing, I designed the inter-linked bridges with sculpted ceilings and featured stairs.

Project - Michael Schumacher Residential Tower. Abu Dhabi, UAE

Primary role to value-engineer a scheme from a rival firm, too complex and expensive to build. I redesigned the entire tower and rationalised each floor plate and apartment layout, including the curved façade. This accomplished three identical vertical zones with 55% repeatable floors, bringing the budget and construction programme in-line for winning the project contract.

Project - Abu Dhabi Educational Counsel. UAE

Positioned to design a G+7 research complex with a high-performance workplace ecology, strongly connected to natural light and flora. I assembled the ground floor layout for greater functionality fulfilling the mandated zoning requirements. My distinguished 3766 recycled Aluminium façade shading panels effectively mitigated solar glare, heat gain, and reduced cooling costs.

Designer & Manager of 3D Visualisation - HDR | Rice Daubney. Sydney, Australia

February 2006 – December 2006

Appointed within the Interior Design team to find optimal solutions for space planning, FF&E, aesthetics, and material finishes. I originated all the 3D imagery, diagrams and vignettes for internal design reviews, submissions, and client's sign-off.

Designer & Manager of 3D Visualisation - Bates Smart Architects. Sydney, Australia

January 2004 - January 2006

Utilised for my 3D skills and design proficiency as a key player to deliver commercial and residential built projects in Sydney. Focusing on façade aesthetics, interior design, client presentations, environmental impact studies, and local council submissions.

Project - 420 George Street, commercial office and retail complex. Sydney, Australia

Completed in 2010, covering 46,000m² NLA, and standing at 136m. The submission delivered by the Project Architect and myself was approved by the client for the retail podium, commercial office entrances, and the 28 level office tower façade.

3D Visualiser & CAD Technician - COX Architecture. Sydney, Australia

May 2002 - November 2003

Centrally involved in the 2008 Beijing Olympics Nanjing Waterfront competition entry. My refined 3D illustrations advanced the design scheme, incorporated with detailed diagrams, CAD layouts, sections, and construction composition vignettes.

3D Visualiser & CAD Technician - Rogers Stirk Harbour + Partners. London, U.K.

January 1996 - April 2002

At RSHP, my contribution escalated Schematic and Design Development stage projects, right through to construction documentation. This enlisted detailed 3D visuals, graphic design layouts, and CAD drawings for design reports and submissions.

Projects - Chiswick Business Park in London, Greenwich Millennium Dome in London, Terminal 5 - London Heathrow Airport.