




Antonios Galanis



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 greek, german

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Work Experience

Jan. 16 - present

Project Manager, Leonhardt, Andrä und Partner, Frankfurt, Germany

- Conducts structural analysis in the early stages of the project.
- Designs the seismic and antiterrorism protection of buildings.
- Reviews technical submissions for compliance with the design plan.
- Provides detailed reports relating to structural engineering, fire safety, shoring design and site visits.
- Represents the office in various events and meetings.
- Builds client relationships and help the business enhance its reputation.
- Ensures that legal regulations and safety guidelines are maintained.
- Conducts quantity surveying.
- Collates project information and liaise with the client, architect and other stakeholders as required.
- Supervises, manages and instructs younger engineers and trainees.

	Client	Name	Type	GFA	Budget
Major Projects	US Department of Defence	US Military Hospital Weilerbach (DE)	Health	120,000 m ²	€ 450 m
		Project Management, BIM Management, Structural Analysis, Quantity Surveying			
	EnBw	Nuclear Power Plant Neckarwestheim (DE)	Energy	15,000 m ²	€ 65m
		Structural analysis, dimension and design of entire building			

Oct. 12 - Sept. 14

Structural Engineer, Ingenieurgesellschaft Gölkel IGG, Stuttgart, Germany

- *Conducted structural design and analysis of various types of structures.*
 - **RC:** foundations (pile, raft, pad), slabs, columns, beams, frames
 - **Steel:** truss systems, columns, joints
 - **Composite:** Slabs, columns
 - **Timber:** frames, joints
- Provided alternative design solutions for cost analysis. Advised on projects' cost and design optimisation by working on the conceptual drawings.

- Performed structural analysis and design in compliance with the specifications (Eurocodes, SIA, DIN).
- Reviewed, analysed, and implemented in the design engineering products as Hilti, Halfen, Cobiax, Spannverbund, etc.
- Designed various models of structures using CAD software and created structural and reinforcement drawings.
- Accomplished numerous quantity surveys to assist the Project Manager.
- Performed comprehensive examinations of existing buildings and recommended maintenance and repair procedures.
- Collaborated with different disciplines such as architectural, electrical, mechanical, and local authorities.

Major Projects & Responsibilities	Client	Name	Type	FSI	Budget
	Züblin AG	NOAS Stuttgart (DE)	Office	40,000 m ²	€ 130m
		Structural analysis of pre-stressed concrete beams, composite columns 3D modelling in CAD, production of structural drawings			
	Stihl AG	EWZ Waiblingen (DE)	Office	8,500 m ²	€ 20m
		Structural analysis, dimension and design of entire building (RC, and steel) 3D modelling and simulation with finite elements (SCIA) and CAD			
	Stihl AG	Produktionslager (DE)	Industrial	15,000 m ²	€ 40m
	Structural analysis, dimension and design of entire building (RC and steel), 3D modelling and simulation with finite elements (SCIA) and				
Stihl AG	Erweiterung Kettenwerk (CH)	Industrial	5,700 m ²	CHF 40m	
	Structural analysis, dimension and design of entire building (RC, and steel), 3D modelling and simulation with finite elements (SCIA) and CAD Production of drawings, Quantity Surveying				
Daimler AG	Bau38 Logistikgebäude (DE)	Industrial	4,000 m ²	€ 15m	
	Structural analysis, dimensioning of the logistic building with ramp, antiseismic design of the structure, production of drawings				

- Oct. 10 - July 11 **Teaching assistant**, Institute of building structures and Structural design, University of Stuttgart, Germany
- Supervised younger students in their workshops and projects.
 - Assisted in the correction of written examinations.
 - Elaborated the abstracts of the lectures relevant to the exercises.
- July 10 - Aug.10 **Intern**, Symbol Co., Engineering Office in Athens, Greece
- Visited construction sites and assisted in the management of workforce.
- July 08 - Aug. 08
&
July 09 - Aug. 09
&
Mar. 07 - Aug. 07 **Intern**, Consortium Galanis-Tzinnis, Engineering Office in Athens, Greece
- Helped to supervise quality control, and health and safety issues on site.
 - Collaborated with local authorities to ensure compliance with regulations.

Education

Sept. 14 - Oct. 15	MSc. in Construction Management , City University London & Cass Business School, Graduated with Distinction <ul style="list-style-type: none">• <u>Core Modules</u>: Project Funding and Finance, Advanced Practice of Management, International Construction Contracts and Arbitration, Leadership and Management Skills, Corporate Governance, Project Planning and Management, ICT for Construction Management, and Corporate Social Responsibility.• <u>Dissertation</u>: Analysing the rationale for airport investment by construction groups: A case study of three such groups' recent activity.
Oct. 04 - May 12	Diplom Ingenieur in Civil Engineering (Equivalent to MEng), University of Stuttgart, Germany <ul style="list-style-type: none">• <u>Core Modules</u>: Structural Mechanics, Building Materials, Dimensioning and Construction, Construction Management, Geo Engineering, Computer-Aided Design and Construction, Building Physics, and Surveying• <u>Dissertation</u>: Funnel membrane construction with bending- active supporting structure (Project constructed in Marrakech, Morocco under personal supervision).
Oct. 03 - Sept. 04	German Language Courses , Focus Sprachen Stuttgart, Germany
Sept. 02- Sept. 03	Higher Studies , University of Thessaly, Greece <ul style="list-style-type: none">• Urban Planning and Regional Development
June 2002	High School Graduation , Erasmios Greek-German School, Greece

Further Competencies

Languages	English (fluent), German (fluent), Spanish ,(basic), Greek (native)
IT	Application Software <ul style="list-style-type: none">• Microsoft Office, Palisade @Risk Design & Modelling <ul style="list-style-type: none">• Autodesk AutoCAD and Revit, Bentley Microstation and Speedikon, Rhinoceros 3d Engineering <ul style="list-style-type: none">• Nemetschek Frilo and SCIA, Sofistik
Design Standards	Eurocodes , SIA (Swiss standards), DIN , ASCE , ACI , UFC
Seminars	ISO 9001:2000 , Textile Architecture , Strengthening of RC structures
Other	EU Driving Licence , CSCS card