

YASH SHARMA

Male, 28

DETAILS			
Ph: +91 8591222111		Email: yashwardhansharma08@gmail.com	
PROFILE			
Civil Engineering graduate from Punjab Engineering College (PEC), Chandigarh, with a strong analytical mindset and problem-solving skills. Achieved All India Rank 109 in GATE 2022 , demonstrating technical proficiency and aptitude in civil engineering. Gained extensive knowledge in project planning and structured decision-making through various academic and research experiences.			
EDUCATION			
Year	Degree	Institute	%/CGPA
2014 - 2018	B. Tech in Civil Engineering	Punjab Engineering College (PEC), Chandigarh	8.72/10
2013 - 2014	Class XII CBSE	Govt. Model Senior Sec. School 16, Chandigarh	91.60 %
2011 - 2012	Class X CBSE	Satluj Public School, Panchkula	10/10
Academic Achievements	<ul style="list-style-type: none">Secured 3rd rank out of 60+ in civil engg. department; 10/10 GPA in Fluid Mechanics, Solid MechanicsAwarded merit scholarship & 50% fee wavier for 2 years for securing 10 CGPA in Class X		2018
			2012
Competitive exams	<ul style="list-style-type: none">Achieved AIR-109 in GATE Exam 2022 (Civil Engineering) out of 1 Lac+ candidatesScored 98.11 %ile in Joint Entrance Exam (Mains) 2014 exam amongst 1.4 Mn+ studentsQualified for UPSC Civil Services Examination & Indian Forest Service Examination Mains 4 times, demonstrating strong analytical and problem-solving skills.		2022
			2014
INTERNSHIPS			
Research Intern		Brno University of Tech., Czech Republic	Jan'17 -May'17
Concrete Optimization	<ul style="list-style-type: none">Studied replacement of high temp. fly ash with FBC fly ash in concreteAnalysed the effect of fly ash concentration on concrete parameters by testing 20+ concrete samples		
Site Engineering Intern		PWD Dept, Govt of Haryana	May'16-Jun'16
Project Management	<ul style="list-style-type: none">Assisted in site supervision and reviewed progress of construction of multi-level parking & guest house in Panchkula.Examined architectural drawings & site plan.		
ACADEMIC PROJECTS			
Hydrological Design Evaluation	<ul style="list-style-type: none">Evaluated Hydrological Design Methods adopted for world bank funded Jainti Dam project in Punjab using Flood Hydrograph, SPF, PMF, and 25-Year Flood, Synthetic Hydrograph Method		
Design of a Two-Story Building	<ul style="list-style-type: none">Designed a two-story residential structure, with a concentrated emphasis on the architectural integrity of fundamental structural components, including slabs, beams, and columns.		

Topographic Map Drafting	<ul style="list-style-type: none"> Conducted a comprehensive topographical survey of the Forest Hill Resort, Chandigarh using advanced surveying instruments, including Total Station, GPS, Theodolite, Auto Level, and Prismatic Compass Skilfully transformed the acquired topographical data into a precise digital map utilizing AutoCAD, ensuring a high level of detail and accuracy.
Traffic flow and Parking Study	<ul style="list-style-type: none"> Conducted a study to assess the traffic flow and parking dynamics on a principal road and a high-usage parking area in Chandigarh encompassing key metrics such as peak traffic volume, critical flow intervals, and directional flow distribution aiding in structural and geometric planning of roadways and parking spaces, dynamic traffic control and estimation of accident rates
SOFTWARE AND TECHNICAL SKILLS	
Software	<ul style="list-style-type: none"> AutoCAD, STAAD. Pro
Instruments	<ul style="list-style-type: none"> Total Station, Handheld GPS, Tacheometer, Auto Level, Theodolite
General	<ul style="list-style-type: none"> Microsoft Office, including Excel, Word and PowerPoint
POSITIONS OF RESPONSIBILITY	
<i>Joint Secretary,</i> Punarkrti (NGO)	<ul style="list-style-type: none"> Led a team of 30+ volunteers to organize city level music & cultural event Udaan with a footfall of 2000+ Initiated 'Project ABC' to provide extra classes to students across govt. schools in Chandigarh.
<i>Executive Member,</i> ASCE	<ul style="list-style-type: none"> Led a cohort of 50+ members; managed day-to-day operations & oversaw recruitment of members Organized tech events, workshops & mentorship program to develop technical acumen of students
EXTRACURRICULAR ACTIVITIES	
Social Work	<ul style="list-style-type: none"> Contributed to Project Aabha for education democratization and participated in organising NSS blood donation camps, strengthening local healthcare. Led a clothing drive for underprivileged kids with Punarkrti Welfare Society.
Participation	<ul style="list-style-type: none"> Engaged in Civil Engineering Fests at NIT Jalandhar and CCET Chandigarh Regular involvement in ASCE PEC Chapter Events like Concrete canoe, Reconnaissance Active in workshops and athletic meets, balancing academic growth with physical fitness.