**ARUN KAUSHIK**

Nationality : Indian

Year of Birth : 1982

Profession : Senior CAD Technician

Specialisation : Highways

Position in Group : Senior Technician Highways, Global Delivery Centre

Year of joining Group : June 2016

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**KEY QUALIFICATIONS**

Fifteen years of professional experience in Highway and Structure.

**EDUCATION AND PROFESSIONAL STATUS**

12TH Passed in year 2000 Govt. Sec. Secondary School, Matalwas, Alwar, Rajasthan & Diploma in Civil Engineering from Mahavir Institute of Technology, Rajasthan University, in year 2010,

One-year certification course from NISC, Okhla, New Delhi in Auto CAD Software 2001.

Industrial training of Civil 3D Basic (Latest Version) Training from Auto Desk.

**EXPERIENCE RECORD**

I am Sr. Technician with Mott MacDonald’s Noida GDC -India. I have substantial experience in the Highways sector, mainly working on design and drafting road schemes. I have gained experience in various stages of highways and expressways including National Highways Authority of India, Haryana Sate Industrial and Infrastructure Development Corporation Limited and Central Public Works Department, submission of detailed design and drafting of highways drawings. Having one-year Gulf experience with Kentz Engineering International Corporation, in Al-Khobar, Kingdom of Saudi Arabia, Royal Commission Jubail and Yanbu for Internal and external expressways for residential and commercial Project.

**2016 – present MOTT MACDONALD GROUP**

**Sr Technician, Global Delivery Centre, Noida, India**

# Mubarak Al Kabeer Port Project Phase 1 Stage 3B and 3C *–* Submission of typical cross section plan and profile, grading plan, junction improvement, standard drawings like signage plan, road marking, bus bays, truck parking area etc.

**Dubai Traffic Circulation –** Improvement of traffic circulation plan for 3 major location like Burj Khalifa, Burjaman and Union. Appreciation from the Dubai Geotechnical team for the timely and effective completion of cad support within the period.

**Eskom Kusile Power Station - KUSILE Project** – Preparation drawing of piping flow direction, Insulation type, welding type, joints, and pressure of the pipe. Responsible for preparation of the drawings along with the checklist, incorporate the client observation, compile the drawing according to the client requirement.

**Qatar Pedestrian Crossing – 46 Major Location** – Preparation of concept design and drawing of utility shifting plan for proposed pedestrian bridge (46 major location) for land transport planning department in Qatar.

**2015 – 2016 INTERCONTINENTAL CONSULTANTS AND TECHNOCARTS PVT. LTD.**

**Manager – CAD (Highways, Delhi, India)**

**KSHIP PROJECT** – Consultancy services of detailed project report cum transaction advisory services for Karnataka state highway improvement project-lll - KSHIP-lll - (group-II). Assist the roads design team as a manager highway to prepare drawings like plan and profile, junction improvement, utility shifting drawings, toll plaza drawings and structure drawings, typical cross section & major and minor junction improvement.

**ESIA study and detailed design and tender documents for the rehabilitation of**

**NAKURU - NYAHURURU - NYERI - MARUA Road (B5)** – Assist to highways design engineer drafting of plan and profile, junction improvement cross section along with the 16 Kms. of bypass road in Kenya.

**Rehabilitation and upgrading to 2-lane with paved shoulders configuration of Raipur-Dhamtari Section of NH-43 in the State of Chhattisgarh** – Coordinate with the site/survey team, data plotting, arrange the existing and design Plan junction improvement drawings and toll plaza drawings as well as major and minor structure like Irrigation structure & ROB.

**Detailed Project Report preparation under** [**Heritage City Development and augmentation yojana**](http://hridayindia.in/puri/) **(Under scheme HRIDAY)** – Identify the location and connectivity of the access to temple/historical places. Preparation of the proposal as per the client requirements. Identify the encroachments area and locations, preparation layout plan and profile of the access road, TCS and junction improvement for Golden Temple Amritsar in the state of Punjab and Puri Temple in the state of Odisha.

**2012 – 2015 GALFAR ENGINEERING and CONTRACTING INDIA PVT. LTD.**

**CAD Engineer – Highways, Gurugram**

**Kashipur To Sitarganj Highway (NH-74) - (KSHPL – Uttarakhand)** *–* Coordinate with the design consultant, checking of the highways/structure drawings, site office setup, camp layout drawings, drawings submitted to independent engineer for approval compile the observation up to drawings approval and issue good for construction drawings for development of two laning with paved shoulder section of NH-74 in Uttarakhand. The total length of the road will be 77.20 kms.

**Salasar Highway (NH-65) - (SHPL – Rajasthan)** *–* Coordinate with the design consultant, checking of the highways/structure drawings, site office setup, camp layout drawings, drawings submitted to independent engineer for approval compile the observation up to drawings approval and issue good for construction drawings for development of four laning of Hissar border to Salasar section of NH-65 in the state of Rajasthan. The total length of the road will be 120 kms.

**2011 – 2012 GMR HIGHWAYS LTD. (KUA Expressway)**

**Sr. Coordinator – CAD - Highways, Udaipur**

Coordinate with the design consultant, checking of the highways/structure drawings, site office setup, camp layout drawings, drawings submitted to independent engineer for approval compile the observation up to drawings approval and issue good for construction drawings for development of six laning of Kishangarh to Ahmadabad (Section of NH-79, 79A and NH-8) in the state of Rajasthan and Gujrat. The total length of the road will be 555 kms.

**2010 – 2011 KENTZ ENGGINEERING INTERNATIONAL CORPORATION-EURO VILLAGE**

**Road Designer – CAD - Highways, Al Khobar, Kingdom of Saudi Arabia**

**Improvement of Commercial/Residential Project Jubail and Yenbu –** Assist to highways design engineer drafting of plan and profile, junction improvement, Coactivity of T3, T4, T6 and T8 and Truck route alignment. Industrial and residential development Project for Royal Commission Jubail and Yenbu in Al-Khobar Kingdom of Saudi Arabia.

**2009 – 2010 PCEPL PVT. LTD. (JV. KMC and ETA GROUP)**

**Sr. CAD Draughtsmen - Highways, Manesar,**

**Upgrade the existing Four-Lane Highway into Six Lane Highway Gurgaon – Kotputli - Jaipur section of NH-8 from KM 42.70 to KM 273 (Project Length 225.0 Kms) –** Coordinate with the design consultant, checking of the highway and structure drawings, site office setup, camp layout drawings and drawings submitted to independent engineers for approval compile the observation up to drawings approval and issue good for construction drawings at site.

**2008 – 2009 DS CONSTRUCTION LTD. – (KMP EXPRESSWAYS LTD.)**

**CAD Draughtsmen - Highways, Gurugram, Haryana**

**Delhi Gurgaon Expressways (Project Length 27-Kms) –** Junction improvement, drainage plan, cross section, signage, entry and exist drawings for Delhi-Gurgaon expressway (project length 27-Kms) preparation of good for construction drawings.

**Kundli-Manesar-Palwal (KMP) Expressways (Project Length 135.2 Kms) –** Coordinate with the design consultant, checking of the highway and structure drawings, site office setup, camp layout plan and drawings submitted to independent engineers for approval compile the observation up to drawings approval and issue good for construction drawings at site.

**2006 – 2008 MOTT MACDONALD GROUP**

**Draughtsmen – Highway and Transportation (IMM – Noida)**

**4 Laning of Rohtak to Hissar section of NH-10 from Km 87.00 to Km 170.00 in the state of Haryana –** Design and drafting alignment drawing, utility, HVAC, drainage system and junction improvement drawing, alignment drawing.

**Mandi House Metro Station (DMRC Project) Delhi Metro Project –** Preparation of elevated and under Ground and viaduct work for Mandi House station project for Delhi Metro Corporation.

**NH-1A (Jalandhar To PathanKot) –** Preparation of plan and profile, layout for the same, typical cross section, standard drawings modification according to project requirement. Project report for rehabilitation strengthening and 4 laining National Highway Authority of India Project (km 26.000 to km 110.000) Strip Plan and alignment plan.

**NH-47 (Kerala Border to Thrissur) –** Preparation of plan and profile, layout for the same, typical cross section and standard drawings modification according to project requirement.

**2005 – 2006 SOWIL PVT. LTD.**

**Cad Draughtsmen – “Trainee-Highway” – Noida, India**

**NH-1A (Jalandhar To PathanKot) –** Preparation of plan and profile, layout for the same, typical cross section, standard drawings modification according to project requirement. Project report for rehabilitation strengthening and 4 laining National Highway Authority of India project (km 26.000 to km 110.000) strip plan and alignment plan.

**NH-47 (Kerala Border to Thrissur) –** Preparation of plan and profile, layout for the same, typical cross section, standard drawings modification according to project requirement.

**NH-26 (Lalitpur –Sagar) –** Preparation of plan and profile, layout for the same, typical cross section, standard drawings modification according to project requirement.

**2002 – 2005 IICS PVT. LTD.**

**Cad Operator – Mayur Vihar, Delhi**

**NH-7A Km 0.000 (Madurai To Thirunelveli) to Km 232.000 (Kanayakumari) –** Preparation of engineering reports like soil investigation, traffic volume count, environmental impact assessment reports etc., drafting of existing and design layout plan for north-south corridor development project national highway component km 0.000 (Madurai) to km 232.000 (Kanayakumari) of NH-7A.

**LANGUAGE CAPABILITY**

Hindi : Mother tongue

English : Spoken – fair; written – fluent; reading – good