

# Pavleen Singh Bali

MS Communication Engg., TU Munich

📍 Heiglhofstrasse 66 / 0229, 81377, Munich, Germany

📞 (+49) 15146805591

✉ pavleen.bali@gmail.com, pavleen.bali@tum.de

🌐 <https://de.linkedin.com/in/pavleenbali>

💬 Skype: pavleen.bali



Date and place of birth: 21.10.1992, India

Sex: Male | Nationality: Indian

**Problem Solver + Bilingual + Strong Analytical Skills + Corporate Communication + Highly Motivated + Function Structured + Team Minded**

## Education

- 17.10.2016 – today **Master of Science in Communication Engineering**  
Technical University of Munich  
*Interdisciplinary study program combining concepts and techniques for communication networks, systems and electronics*  
Focus: Broadband Communication and Networking, System Aspects of Communication Engineering, IT, Embedded Systems & Security, Radar and Antenna Measurement Techniques, SoC Technologies
- 08.08.2011 - 15.05.2015 **Bachelor of Technology in Electronics and Communication Engineering**  
Amity University, India  
Minor Project: Intelligent Traffic Monitoring System  
Focus: Hardware Development for Communication Systems  
Grades: 9.04/10 (German Equivalent: 1.58)
- 20.02.2010 – 12.02.2011 **Higher Secondary School Education (12<sup>th</sup> Standard) – (Abitur Equivalent)**  
Saint Joseph's Higher Secondary School, India  
Focus: English, Physics, Mathematics, Chemistry & IT  
Grades: 94% (German Equivalent: 1.27)

## Work Experience

- 23.11.2015 – 30.08.2016 **Research Assistant**  
Industrial Research and Development, Centre for Innovation & Incubation, Amity University, India
- Research Publications, Patents, Technical Documentation, Newsletters and Blogs
  - Start Ups, Entrepreneurship and Technical Incubators
  - Technical projects and research development for innovation and technology transfer
- 20.11.2015 – 20.05.2016 **Product Market and Application Research – Consultation Engineer**  
Techject Innovations Pvt. Ltd, India
- Lead Generation and Follow Ups, Google Spreadsheets, Team Management
  - Technical Assistance to the product services team - (Product Assembly, Installation & Working)
  - Online and Digital Marketing, Campaigns, Google Analytics, WordPress and Techno Management

## Skills

- |           |                         |            |
|-----------|-------------------------|------------|
| Languages | Hindi, Punjabi and Urdu | Native, C2 |
|           | English                 | Fluent, C1 |
|           | German                  | Basic, A2  |
- Technical
- Programming Languages: C, C++, JAVA, Embed C, MATLAB - (Intermediate)  
Adobe Fundamentals: Adobe After Effects, Adobe Premier, Adobe Photoshop - (Intermediate)  
Office Utilities: MS Word, MS Power-point, MS Excel, MS Outlook - (Advanced)  
Operating System: Windows, Linux (Ubuntu), Mac OS - (Intermediate)  
Tools/Frameworks: SEO, CRM, WordPress, Analytics, Inbound/Outbound Campaigns - (Intermediate)

**Key Competences**                      Advanced knowledge of communication hardware, systems, networks and internet technologies  
Technical knowledge in the domain of SoC for developing, coding, debugging and testing - firmware platform  
Development of interactive Business/Technical presentations, pages, blogs and multimedia essentials  
Highly motivated and experience with organising, planning and event management – Ability to work in a team

## Conferences

- 30.11.2015                      **Electronics Manufacturing; Can it Drive 'Make in India' - International**
- Participated in various talks and workshops on the topics of electronics manufacturing and its future
  - Acted as Event Ambassador, supporting the organizing team with marketing activities and flyer creation
- 07.12.2015                      **Global R & D Summit - International**
- Participated as an Exhibitor and demonstrated my technical projects to several higher dignitaries

## Workshops

- 14.12.2016                      **Digital Workshop – Google Certification**
- Participated in the Workshop to get insights of SEO, Google Analytics, Digital Marketing, Campaigns etc.

## Publications

**Paper Titled: "Intelligent Traffic Monitoring System (ITMS)"**

Journal: Progress in Science and Engineering Research Journal, Vol.03, Issue: 02/06 March – April; bimonthly international journal page(s) 040- 044

## Projects

**Air Quality Monitoring System**

It is basically a tool for measuring the various gaseous components along with particulate matter ( $1 < PM < 2.5$ ) and thus analysing the quality of air around (Idealisation – Manufacturing – Programming – Testing - Working)

## Volunteering

- 10.01.2015 – till today                      **Giants International – NGO/Social Cause**
- Took active participations in various socio-cultural reforms, events dedicated for public/social welfare.

## Scholarships/Awards

- Academic Scholarship: Received 100% Academic Scholarship – 10,000 Euro on tuition fee in Amity University, for pursuing B. Tech Electronics and Communication Engineering (*Batch 2011-15*)
- Project Scholarship: Received funds of 1500 Euro for the patented project, "Gyro Propeller Aircraft"
- Award for Academic Excellence: 1000 Euro - *Silver Medallist (2nd Rank) in my B. Tech ECE (Batch 2011-15)*
- Received Scholarship of worth 4000 Euro for my team at Makerspace, UnternehmerTUM for idea development and incubation facilities - 2016

## Interests/Engagements

- Private                      Travelling & Photography, Art, Calligraphy, Music, Dance, Badminton, Table Tennis, Hiking, Climbing, Cycling etc.
- Business
- Reading about latest trends in Business, Innovation and Technology
  - I am currently taking classes to improve my German Language Skills
  - I have currently taken Skill Development courses at Makerspace, UnternehmerTUM – *the Center for Innovation and Business Creation at TUM*
  - I frequently attend various Workshops/Seminars/talks by various Industry-Academia Platforms at TUM
  - I have high enthusiasm for Techno-Management related ventures and opportunities

**References available upon request**