

HIMANSHU GARG

Software Tools Developer, Technical Writer, Volunteer Translator

+91 96501 75105 ◇ NOIDA, India ◇ himanshu.garg@gmail.com

[GitHub](#), [StackOverflow](#)

SKILLS

Python, Perl, JavaScript, TypeScript, C, SQL, Django, Node.js, SQLite, Bash, Git, Excel, Technical Content Editing, EN-HI Translation

EXPERIENCE

Sr. Project Scientist, TIH on Cobotics, IIT-Delhi Sep 2020 - Jan 2021

Prototyping with ROS, Google Pub/Sub, Google DialogFlow

Sr. Project Scientist, Assistive Technologies Group, IIT-Delhi Nov 2017 - Aug 2020

PDF Analysis and Conversion using TypeScript, Node.js, Python. InDesign scripting in JS

Freelance Editor, Cactus Communications, Remote Apr 2019 - Sep 2019

Peer Review and Editing of Computer Science Research

Independent Consultant, Environmental Design Solutions, Remote Aug 2017 - Oct 2017

[Android App](#) for interactive Energy Conservation Building Code 2017 using Kotlin, JS, HTML

Volunteer Translator, Translators Without Borders, Remote Apr 2017 - Jun 2017

[EN-HI Translation](#) of nearly 80k words of Palliative Care content

Technology Manager, IRH, New Delhi Sep 2014 - Mar 2017

[Standard Days Method Based Family Planning via SMS](#) using MySQL, Python/Django, Redis, Celery

Computer Scientist, Adobe, NOIDA Feb 2009 - Nov 2013

Software Packaging, Test Automation using Python, XML/XSLT, SQLite, Solr

Application Engineer, Oracle, Hyderabad Aug 2006 - Feb 2009

Web Application Automation using Perl, SOAP

Lecturer, The LNM Institute of IT, Jaipur Jul 2005 - Aug 2006

Teaching Algorithms, Data Structures, Computer Organization

Software Engineer, SEEC, Hyderabad May 2004 - Jun 2005

COBOL Source Code Analysis with Flex, Yacc, C/C++

EDUCATION

International Institute of Information Technology, Hyderabad

M.S. by Research in Computer Science & Engineering

July 2006

B.Tech. in Computer Science & Engineering

June 2002

COAUTHORED PUBLICATIONS

Rule based Mathematics and Layout Analysis of PDF Documents

[DEIMS, 2021](#)

Towards generating web-accessible STEM documents from PDF

[Web4All Conference, 2020](#)

Making legacy digital content accessible at source

[Web4All Conference, 2019](#)

Implementation of CycleTel Family Advice

[mHealth Journal, 2017](#)