HIMANSHU GARG

Software Tools Developer, Technical Writer, EN-HI 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