

HIMANSHU GARG

Dev Tools | Backend | Dev Ops | Technical Writing

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EXPERIENCE

Senior Software Engineer

Helix Opportunity (A11y/Design Services, Training, Tools)

📅 May 2024 - Mar 2025 📍 Remote

- Reduced LLM API costs by batching while retaining client code
- Customized and deployed PayloadCMS backend
- Scaled Playwright tests using AWS Lambda via Docker
- Fixed customizations to a PHP based LMS

Solution Engineer

Adaptive (Cloud based Access-Management)

📅 Oct 2021 - Apr 2024 📍 Remote

- Led SOC2 compliance efforts via Drata
- Maintained release quality with e2e testing and product docs
- Served as the first line of support for early customers

Sr. Project Scientist

AssisTech, IIT Delhi (Affordable Assistive Devices and Tech)

📅 Nov 2017 - Jan 2021 📍 Delhi

- Contributed to Node.js based tools for PDF data parsing
- Contributed to Id JavaScript based tools for data conversion
- Led initiatives at NCERT to make textbooks accessible

Technology Manager

Institute for Reproductive Health, Georgetown University

📅 Sep 2014 - Mar 2017 📍 Delhi

- Independently maintained a Python/Django app with ~1k women users trying the Standard Days Method of Family Planning

Computer Scientist

Adobe

📅 Feb 2009 - Nov 2013 📍 Noida

- Owned Python/XSLT tools for software packaging, cleanup
- Owned the Python backend to visualize s/w activations
- Contributed to a Python automation framework prototype
- Built a DSL and Python interpreter to test complex dependencies
- Prototyped Python tools to analyze installer features used

Early Career

Oracle, The LNMIIT, SEEC

📅 2004 - 2009 📍 Hyderabad, Jaipur

- Built and maintained software tools in Perl, SOAP, C++.
- Taught DSA and other courses.

KEY SKILLS

AWS	● ● ● ● ●
Docker	● ● ● ● ●
Perl	● ● ● ● ●
Python	● ● ● ● ●
SQL	● ● ● ● ●

CONTRIBUTOR

Translators Without Borders

MDN Web Docs

PUBLICATIONS

Rule based Mathematics and Layout Analysis of PDF Documents
DEIMS, 2021

Making legacy digital content accessible at source
Web4All Conference, 2019

Implementation of CycleTel Family Advice
mHealth Journal, 2017

EDUCATION

MS by Research, CSE
IIIT-H

📅 Jul 2002 - Jun 2006

Overcoming Font and Script Barriers
B.Tech., CSE
IIIT-H

📅 Sept 1998 - June 2002