



NISHIT NAGPAL

MECHATRONICS ENGINEER

Portfolio Github Repo

SKILLS

Automated Control Systems

CAD Software:

- ❖ AutoCAD
- ❖ SolidWorks
- ❖ CATIA V6

3D Modeling: Unity

MATLAB

AI in Automation

Responsive Web Design

Web Development:

Languages:

- ❖ TypeScript
- ❖ JavaScript

Frameworks:

- ❖ React
- ❖ Angular
- ❖ Vue.js

Backend:

- ❖ Node.js
- ❖ RESTful API

Database:

- ❖ PHP
- ❖ MySQL

HTML5 & CSS3, SASS

WordPress

Version Control & Deployment:

- ❖ Git
- ❖ Docker

Programming Languages:

- ❖ C, C++, C#
- ❖ Java
- ❖ Python

UX Design Tools:

- ❖ Figma
- ❖ Sketch
- ❖ Adobe Tools

LANGUAGES

English : Advanced

Deutsch : Intermediate

Hindi : Native

Bengali: Native

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nishitnagpal

EXPERIENCE

- **Software Engineer Associate** 08/2023 - 04/2024
Flink, Bochum
 - ❖ Streamlined inventory replenishment processes through data-driven forecasting techniques, cutting restocking time by 50% and enhancing inventory accuracy by 30%.
- **Frontend Developer / UX Designer** 03/2023 - 08/2023
Internship, Pxio GmbH, Saarbrucken
 - ❖ Conceptualized and executed both low and high-fidelity prototypes for the company website's knowledge base, resulting in a 40% decrease in user bounce rate and a 25% increase in time spent on the platform.
 - ❖ Designed the landing page for the company website improving visitor landfall by 40% in six months.
- **Engineer-Planning** 07/2017 - 09/2018
Sterling and Wilson Pvt. Ltd.
 - ❖ Undertook crucial responsibilities in quality inspection visits.
 - ❖ Played a pivotal role in devising and executing strategies geared towards cost reduction and optimal resource utilization.
 - ❖ Prepared contracts, encompassing both sales and technical aspects, for ventures centered on the engineering, planning, installation, and maintenance of HVAC systems for:
 - Kolkata Metro Rail Corporation, a distinguished Government of India enterprise wholly owned and funded by the Ministry of Railways.
 - National Thermal Power Corporation (NTPC), a prominent Indian central Public Sector Undertaking under the aegis of the Ministry of Power, particularly at their plant in Rourkela,
 - NSPCL, a joint venture between NTPC and SAIL (Steel Authority of India Limited), a key player in the Indian central Public Sector Undertaking domain, with a focus on the plant situated in Bhilai,
 - ABB's groundbreaking Raigarh-Pugalur 800kV ultra-high-voltage direct current (UHVDC) system, facilitating vital connectivity between central and South India.

EDUCATION

- **Master of Science in Mechatronics,** 10/2018 - 12/2022
University of Siegen, Siegen
- **B.Tech in Mechanical Engineering,** 09/2013 - 06/2017
IEM, Kolkata, India, Kolkata

CERTIFICATE

- Coursera
 - Google UX Design Professional Certificate
 - Meta Frontend Developer Professional Certificate
- Internship at Bharat Earth Movers Limited, Jun 2016 - Aug 2016
Bangalore Complex
- 2D and 3D Model Design on CATIA V6 Apr 2016 - May 2016
MSME, Kolkata