

Champak Das

Computer Vision | Automation | Project Architect | Testing

Innovative & Creative Product Design & Development with 9 years experience in various field Industrial Automation, Pharmaceutical Production Line, Cloud Computing, Image Processing and research institute.



daschamp92@gmail.com

+91 8866713725

<https://www.linkedin.com/in/champak-das-a186097b>

mpak-das-a186097b



Work Experience & Responsibility

Kevision System

Project Architect Lead, System Executive

November|2021 – Present



- Architectural Design , SDLC
- New Product Development, Product New Features integration, technology enhancement, product performance improvement.
- Team Leading, Project Lead, Debugging, Customer Requirement understanding, Product Improvement with Market Requirement.

Tech Mahindra (GE Appliances)

Senior Engineer

July|2021 – November|2021



- Development of QA Automation Test Sequence for GE Appliances Product.
- Testing and validation algorithm development with multiple team
- Create generic Testing sequence Plan of Confluence page

Kevision System

Senior System Engineer

September|2016 – June|2021



- Design & development of software compliance with SDLC.
- Project & team leading.
- Unit level test case design and apply.
- Product features integration.
- Multilevel testing , test sequence design

Optimized Solutions Pvt. Ltd

Application Engineer

October|2014 – September|2016



- Development, Installation and commissioning Control & Data Acquisition System.

Technical Skills

- Image Processing
- Computer Vision.
- Python
- OpenCV , NumPy ,Pandas
- C# , C , Embedded C
- NI Vision , LabVIEW , Teststand
- My SQL , SQL

Project Management Skills

- Github , SVN
- Teams
- Trello
- Confluence
- Slack

Professional Roles

- Project Lead
- Project Architect
- Team Lead

Hardware Expertise

- Industrial Camera GiGE ,USB 3.0 , Lenses.
- NI cRIO
- NI PXI , PCI
- cDAQ

- Development ATE of pump manufacturing Industries.
- Product demonstration, installation & service to client.
- Project handling , documentation ,



Key Project Accomplishment & Details

- **Blister Inspection System & Tablet Inspection System**
 - **Platform & Tools :** NI Vision , NI LabVIEW , Image Processing , OpenCV , Python , NumPy, SQL, Machine Vision , USB 3.0 Camera , Lenses.
 - **Details:** A vision based inspection system designed to indentify structural defect, production defect, product mixing, unwanted product in running Medicine Blister Packing line and Bulk Bottle Packing line.
- **Track and Trace System for Tobacco Packing Line**
 - **Platform & Tools :** NI Vision , NI LabVIEW , Image Processing , OpenCV , Python , C# Machine Vision ,SQL Database , Mysql , USB 3.0 Camera ,Smart Camera , Lenses ,
 - **Details:** Product Tracking and Tracing system integrated with Smart camera, Laser printer up to 5 level of hierarchy on production line with local server, global server and cloud data engine. Complete multi-level tracking system compliance with Universal GS1 Standard, different regulatory like: EU, DTS, CRPT, DGFT and SFDA.
- **Automated Test System and Data Acquisition System**
 - **Platform & Tools :** NI LabVIEW, SQL Database, Mysql , NI Hardware cRIO , PXI ,PCI card
 - **Details:** Development, commissioning Control &Data Acquisition System for HIGH HEAT FLUX TESTING for Institute for Plasma Research.
Development ATE of pump manufacturing Industries.
Development Transformer Nozzle Testing System for ABB.
Diagnosis Equipment Communication Application development with remote operating features. Working Experience on NI Hardware cRIO, PXI, PCI, cDAQ .etc

Certification

- Python Developer By Kaggle.
- Certified LabVIEW Developer By National Instrument [USA]

Educational Qualification

- B.TECH in Electronics &Communication on 2013 with 81%.
- 10+2 in Science in 2009 with 81.3%.
- Secondary (10th) on 2007 with 83.3%.
- Junior diploma in Fine Arts