



CHETAN KUMAR JAIN

PROFESSIONAL SUMMARY

Senior Software Engineer with 8+ years of experience in CAD/CAM, robotics, industrial automation, Python, C++, OpenCASCADE, HMI development and modern web technologies. Experienced delivering industrial software in the UK and Japan.

EXPERIENCE

Software Engineer

SAG-TEK Ltd | May 2026 – Present

- Lead development of SagCAM CAD/CAM platform.
- Designed and developed Industrial HMI for robotic polishing cells.
- Built company website (sag-tek.co.uk) using Next.js with interactive 3D robot visualisation.
- Developed Python/C++ integrations and automation features.

Software Engineer

Zeeko Ltd | May 2023 – Apr 2026

- Developed ZephyrCAM CAD/CAM software.
- Improved UI/UX.
- Python bindings for C++ libraries.

Software Engineer

Zeeko Japan | Oct 2020 – Apr 2023

- Developed CAD/CAM functionality.
- Integrated C++ and Python.

Researcher

Kyoto University | 2019–2020

- Research on robotic polishing software.

Research Assistant

Kyoto University | 2019

- On-machine surface characterisation research.

Software Contractor

Zeeko | 2018–2019

- Built Windows CAD application using Python/OpenCASCADE.

Android Developer

Punta Global | 2018–2019

- Developed Android sales management applications.

EDUCATION

Bachelor of Technology (Information Technology)
Kalinga Institute of Industrial Technology (KIIT), India

CONTACT

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WEBSITES / PROFILES

- [linkedin.com/in/chetanjain2099](https://www.linkedin.com/in/chetanjain2099)
- chetanjain.co.in
- github.com/chetanjain2099

SKILLS

- Python
- C++
- Next.js
- CAD/CAM
- Industrial HMI
- OpenCASCADE
- Robotics
- Git
- TeamCity
- Windows/Linux
- UI/UX

CERTIFICATIONS

Microsoft Technology Associate (MTA)
ASP.NET with C#

PROJECTS

- SagCAM
- Industrial Robot HMI
- SAG-TEK Website
- ZephyrCAM
- On-Machine Surface Characterisation

LANGUAGES

English – Professional
Hindi – Native