

# PRANAV SHAH

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**Portfolio:** <https://shahpranav1094.github.io>

## CAREER OBJECTIVE

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To work in a challenging and dynamic environment that will give me a platform to utilize my technical skills and enrich my knowledge.

## SKILLS

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- Teamwork and collaboration
- Product development
- C++ software development
- Mendix certified developer
- Deep understanding on Integration of ECAD and MCAD Software
- Thorough understanding of Data Structures and Algorithms
- Self-motivated, focused and hard working.
- Experienced in C++ windows programming for 3+ years.
- Python, Flask, Django, JavaScript, Jinja2 etc.

## WORK HISTORY

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**Software Engineer** – 12/2019 to current

**Siemens Industry Software** – Pune, MH

**Project Name** – CAD Infocenter and Reporting Web Application.

- Gathered all the requirements in detail from the Product Owners.
- Designed and developed entire domain model and high-level architecture.
- Developed REST endpoints to populate the meta-data using Flask library.
- Developed meta-data extraction tool using Python.
- Developed the entire UI using Mendix Studio Pro 8.4.1
- Explored different deployment strategies (Cloud, On-prem, Docker image etc.)

**Software Engineer – Associate**, 03/2018 to 11/2018

**Siemens Industry Software** – Pune, MH

**Project Name** – MG Capital Integration in NX

- Contributed significantly towards the ECAD-MCAD Integration.
- Designed and implemented entire architecture.
- Use Libcurl Api's to make REST calls.
- Provided cross-probing functionality between 3D and 2D entities.
- Developed a mock framework to test the functionalities.
- Managed and coordinated within the team to resolve the defects raised.

**Full-Time Intern**, 03/2017 to 02/2018

**Siemens Industry Software** – Pune, MH

**Project Name** – Culprit CP Finder

- Understand the entire automation framework thoroughly.
- Design and plan the tasks to be automated.
- Develop a fully automated tool to find the candidate responsible for introducing a bug and notify him about it.
- Maintain and enhance the tool as and when required

## ACHIEVEMENTS

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- Best Rookie of the year
- NX Quality award winner
- Hackathon Winner for two consecutive years.
- Won Siemens Recognition Award twice.

## EDUCATION

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**Bachelor of Engineering:** Electronics and Telecommunication, 2016

**Pune University (SPPU)** – PVG's COET, Pune

- Graduated in Top 5% of Class
- Graduated with Distinction.