

Amit Chakor

Software and Robotics Engineer

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EDUCATION

Bachelor of Engineering (Information Technology)

PICT Pune (SPPUniversity) 8.78/10 CGPA

WORK EXPERIENCE

IdeaS a SAS company - Associate Software Developer (August 2020 - Ongoing)

I am working on Business monitoring, Autonomous product rollout, and Foundation services of the company. Made these applications using Spring Boot microservices, AngularJS, AWS, Terraform, Datadog monitoring, etc.

Adamant Engineer Private Limited(Internship - June 2020)

Created a 2-axis filament winding machine CNC to produce FRP tubes and shafts. Used Solidworks Mechanical and Electrical to design the machine. And simulated its working flow on Matlab.

Robotics Projects and Competitions (2017-2019)

Consistently participated in ABU Robocon nationals. Worked for PICT Robocon team as Product Designer. Represented college as a team leader, and Robots Operator at ROBOCON INDIA 2019.

Major Contribution

1. Mechanism prototyping and Solidworks Cad modelings
2. Robot autonomous path planning using ROS and OpenCV
3. Sensors interfacing and Fusion

[Visit link to explore.](#)

UI/UX & IOT PROJECTS

Home Automation (MARCH 2020)

Developed a Home Automation System using NodeMCU, MQTT broker, MongoDB, and Android application. Participated in the Inter College competition(INC 2020) with this project and were Runner-up.

SKILLS

Java
Python
Javascript
AngularJS
PostgresDB
Android studio
Solidworks
Matlab
Proteus
OpenCV
Tensorflow
Keras

HOBBIES

Volleyball, Teaching

Stock Management (NOV 2018)

A web-based software that provides a help desk for departmental faculties and authorities. It includes management of Laboratory objects, their count, and working status. They were designed using HTML, CSS, JSP, MySQL Glassfish server, and Netbeans IDE.

ACHIEVEMENTS

Received Appreciation From College Principal for the Stock Management Solution Project which was later converted into a product and is in use to this date.

DD Robocon India 2019- All India Rank 14 among 100+ teams.

