



# SASHAKT PATHAK

---

- 📍 Noida, India
- ☎ +91-8979840393
- ✉ psashakt@gmail.com
- 🌐 sashaktpathak.co
- 🐙 github.com/sashaktpathak

## Notable Skills

---

- Full Stack Development
- Machine Learning
- Android Development
- Languages - C++, Java, Python, JavaScript, PHP, TypeScript
- Robotics & MicroControllers
- Database Management - MySQL, MongoDB
- Tools - Git, React, Nodejs, Bootstrap

## Publications

---

MN Hashing - Search Time Optimization with Collision Resolution using Balanced Tree  
Publisher - Springer  
Conference - FTNCT 2019

## Extra Curriculars

---

- Winner of Google India Code to learn
- Former Technical Head at Robotics Hub.
- Certified Nodejs Developer from Coding Blocks.

A hard working individual who loves to explore new state-of-the-art technologies and sharpen his skills.

## PROFESSIONAL HISTORY

---

FULL STACK WEB DEVELOPER: INTERN  
TECHNOLOGY UNCORKED | MAY 2019 - JULY 2019

- Built a Smart Maintenance Dashboard for integrated IOT frameworks with Node.js

FULL STACK WEB DEVELOPER: INTERN  
BITSPIHERE | FEB 2019 - APRIL 2019

- Built an E-commerce Website with Admin Panel and Payment Gateway integration using PHP.

## PROJECTS

---

- LIVE VIDEO CAPTIONING (05/2020)  
Deep learning based model to caption(Describe) video in real time.
- VOICE PRESCRIPTION (02/2020)  
Automated android app to convert doctor speech(voice) to a formatted prescription
- EPIDEMIC SPREAD PREDICTION (08/2019)  
Web portal that generate heatmap using machine learning based model to predict spread of disease
- MN HASHING (03/2019)  
A novel faster hashing algorithm published in IEEE conference.
- SMART PEN (11/2018)  
A live echo Digi pen to convert your live handwriting to digital text.

## EDUCATIONAL HISTORY

---

JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY  
COMPUTER SCIENCE ENGINEERING, 2016 - 2021  
• CGPA: 8.8

DELHI PUBLIC SCHOOL  
TWELFTH GRADE, 2014 - 2016  
• PER: 93.6%