

Shivangi Varshney

Email: shivi.sv8@gmail.com | Contact: 7007326056 | Location: Noida, U.P.

EDUCATION

B.Tech (Electronics and Communication)
Jaypee Institute of Information Technology
Noida, U.P., India
Expected May 2021
CGPA: 8.0/10.0 (Current)

LINKS

- ◆ [\[LinkedIn\]](#)
- ◆ [\[Github\]](#)
- ◆ [\[Hackerrank\]](#)
- ◆ [\[CodeChef\]](#)
- ◆ [\[freecodecamp\]](#)

COURSEWORK

UNDERGRADUATE

Electrical Machines and Instruments
Digital Communication
VLSI
Digital Signal Processing
Microprocessors and Microcontrollers
Telecommunication Network
Control System

SKILLS

PROGRAMMING

- C++/C (Experienced)
- Python (Experienced)

WEB TECHNOLOGIES

- HTML
- CSS
- Bootstrap
- JavaScript
- jQuery
- React (Familiar)

WEB FRAMEWORKS

- Django (Experienced)
- Flask (Familiar)

SERVERS AND APPLICATIONS

- Amazon Web Services(AWS) EC2
- Nginx
- Unicorn

TECHNICAL

- Software Development Fundamentals
- Data Structures and Algorithms
- Problem Solving

TOOLS AND SOFTWARE

- MATLAB and Simulink
- Cadence
- Network Simulator ns2

OPERATING SYSTEMS

- Linux
- Windows

Image and Video Analytics (Familiar)
Computational Intelligence(Familiar)

CERTIFICATIONS

- Responsive Web Design – freecodecamp
- Problem Solving - Hackerrank
- Recent Trends in Computer Science – MNNIT

EXPERIENCE

ZDL Pharmaceuticals Pvt. Ltd. | Full Stack Developer
May 2020 – Jul 2020

- Built a full-stack web application with a team of two
- Used Python, Django, sqlite3, CRUD functionality
- Involves features such as uploading documents and contacting about queries
- Include admin functionalities for created models

Falcon Labs | Content Writer
Oct 2018 – Jan 2019

Careers360 | Summer Intern
May 2018 – Jul 2018

remediesathome | Blog Website
Jul 2020 – present

- Created, Designed and Maintaining personal blog website
- Optimized SEO
- Indexed on Google Search Console

PROJECTS

RANDHRIKA

- Designed and built an automated modular rice planting machine in a team of three
- Based on Internet Of Things(IOT), used Arduino, NodeMCU
- Optimized plantation errors and reduced cost

SMART PARKING SYSTEM

- Built and implemented an automatic parking system in a team of three
- Used MATLAB and Image Processing technique to detect free parking space

ACHIEVEMENTS

Sport Programming:

- **Codechef**- Highest Rating 1466
- **Hackerrank badges** in
 - Problem Solving – 5 star
 - 30 Days of Code – 3 star
 - 10 Days of JS – 4 star

Flipkart Grid 2.0:

- Certified for Level 1 Qualifier Round