

# AKASH SRIVASTAVA

## Undergraduate

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## WORK EXPERIENCE

### System Admin Intern

#### Roboiotics LLP

- 📅 May 2020 – June 2020 📍 New Delhi, India
- Website Development, Deployment and Management
  - DNS Management
  - Writing and publishing new Blog

### Project Intern

#### Bharat Heavy Electricals Limited

- 📅 June 2019 – August 2019 📍 Noida, India
- Developed an Advanced CCTV based Attendance System
  - Face Recognition API integration
  - Video Frame skipping algorithm development
  - Deployment on the server
  - User Interface creation using HTML, CSS and Bootstrap
  - User Authentication and Authorization

### Joint Secretary (Leadership Experience)

#### BVPIEEE

- 📅 July 2019 – Present 📍 New Delhi, India
- Society and Event Management
  - WIEHack 2.0 (2020) Online (Technology Head)
  - WIEHack (2018) (Head Coordinator)
  - Organised Competitive Coding Workshops
  - Founder of 10x Developer Program 2020

## ACHIEVEMENTS

- First Prize at Technical Project Exhibition by IEEE MSIT
- Second prize at Technovation in Fervour X by BVPIEEE
- Under Top 10 at IIITD Hack 2019
- Article got featured on **Analytics Vidhya** Medium Blog Page

## TRAINING

- **Data Structures and Algorithms in C++** by CODING BLOCKS.
- **Learn JavaScript** by One Month
- **Blockchain Basics** Coursera Course by University of Buffalo

## EDUCATION

### B.Tech in Computer Science and Engineering

#### Bharati Vidyapeeth's College of Engineering

📅 2017 – 2021 📍 New Delhi, India

10 + 2

#### Kendriya Vidyalaya Masjid Moth

📅 2016 📍 New Delhi, India

## PROJECTS

### Minedenim Project

- As Tech Lead of the software-dev-team designed and developed a scalable system for the company. The system is currently live.
- **Tech:** Django, Django-rest-Framework, PostgreSQL, Flutter, Nginx, Firebase, FCM, ReactJS

### Meto (IIITD Hack)

- Developed a fully-fledged System, having target of capturing selfie and predicting the user's BMI.
- **Tech:** Django-rest-Framework, Flask, PostgreSQL, Flutter, Tensorflow, Firebase

### WIEHack 2.0 (Online) Portal

- Developed a Hackathon Organisation portal. WIEHack 2.0 was organised on the platform. The platform served over 200+ participants.
- **Tech:** Django, PostgreSQL, HTML, CSS, Heroku, Google Sheets

### Face-Recognition and Attendance: BHEL

- Developed a deployable system in which one can pass multiple arguments and perform facial Recognition and Attendance.
- **Tech:** Django, Face Recognition API, PostgreSQL, Dlib, OpenCV, HTML, CSS, Bootstrap

### SSDr- Surveillance Survey and Damage Report Rover

- A versatile robot having the capability of high manoeuvrability, panoramic view, depth mapping, and human detection.
- **Tech:** Python, OpenCV, Raspberry Pi, Arduino

### Eyantra (e-YRC -2018) (Qualified Round 2)

- The tasks involved Computer Vision, augmented reality, pathfinding, AVR-C
- **Tech:** Python, OpenCV, OpenGL, AVR-C

## SKILLS

- **Language:** C, C++, Python, SQL, HTML, CSS, JavaScript, Go Lang
- **Operating System:** Windows and Linux
- **Development:** Full Stack Development, Rest API Development, DevOps Basics
- **Industry Knowledge:** System Design, Algorithms Design and Data Structures, Linux Admin, Restful API Design, Computer Vision

## BLOG

📖 @akash16s 📖 @camping-with-python

**Hobbies:** Singing, Reading Novels, Playing Video Games, Photography, Playing Cricket