

## NAMAN ANAND

E-mail: [iamnamananand996@gmail.com](mailto:iamnamananand996@gmail.com)

Github: <https://github.com/iamnamananand996>

Mobile: +91-9663077540

### Objective

To work in a progressive organization that gives scope to enhance my knowledge and skills, while making a significant contribution to the success of the company and reach the computing and research field.

### Educational Qualification

Degree	Name of the Institution	Board/University	Year of Passing	Percentage/ Grade Points
Bachelor of Engineering (Computer Science and Engineering)	Bapuji Institute of Engineering and Technology, Davangere	Visvesvaraya Technological University, Belagavi	Pursuing	7.23 (till 6 <sup>th</sup> sem)
II PUC/12 <sup>th</sup>	J P +2 Vidyalaya, Bhagwanpur	Bihar School Examination Board, Patna	2016	69.4%
SSLC/10 <sup>th</sup>	The Jaintpur Public School, Muzaffarpur	Central Board of Secondary Education	2013	7.6

### Technical Skills

- Programming Environment : C, Java, Python, JavaScript, HTML, CSS
- Database : SQL, Firebase
- Operating System : Windows, Ubuntu
- Framework : Django, Flask, Bootstrap
- Web Development Libraries : jQuery, Ajax, React
- ML Libraries : Numpy, Pandas, Matplotlib, Sklearn, Keras
- Others : OpenCV, NLP

### Internship/Trainings

- Intern at Pucho Technology Private Limited on the domain Web Development for 3 months from June 2019
- Offline Bootcamp on **Python with Machine Learning, Data Science, Artificial Intelligence and Block chain** at LearnCodeOnline Inc Headquarter, Jaipur for 45 days in January 2019.

### Projects

- Project Title : **AI Solution for Farmers** (Smart India Hackathon 2019 Project)  
Environment: Flask, R, Keras, Firebase, Ajax, GoogleMapApi, GoogleTranslateApi, Twilio, chart.js  
Team size: 6 students and 2 mentors  
Description: The application provides crop recommendation and guidelines based on soil condition which is determined using Interpolation (Numerical Analysis), Krigging (Geostatistics) and Clustering. Weather prediction through OpenWeatherMap API and Web Scraping. Pest recognition with Convolutional Neural Network model in Keras. Also provide personal recommendation through SMS to grow crop for more yield.
- Project Title: **BIET College Website**  
Environment: Python, Django, SQL, Bootstarp  
Team size: 5  
Description: Website contains more than 500 pages. Build CMS with multiple admin permissions that reduced the admin load by 70%. Each branch can change their own details and event organised in the branch.

- Project Title: **Self Driving Car**  
 Environment: Keras, Pandas, Matplotlib, Numpy, OpenCV, SKlearn  
 Team size: 1  
 Description: Self Driving Car Using Convolutional Neural Networks Via using NVIDIA Model Architecture for End to End Self Driving Car and for Simulation using Udacity Open Source Unity Self Driving Car Simulator.
- Project Title: **Contract Book- Application to locate Skilled Labourer for Highway Construction work** (Smart India Hackathon 2018 Project)  
 Environment: HTML, CSS, Bootstarp, Javascript, Firebase, GoogleMapApi, GoogleTranslateApi  
 Team size: 6 students and 2 mentors  
 Description: Application links the contractors and agencies by providing the functionality of uploading user data as soon as he/she register. User data is stored in Firebase Realtime Database. The application also supports multiple local languages and GPS based search function.
- Project Title: **Travel With Image**  
 Environment: Python, Flask, OpenCV, Pandas, Sklearn, Firebase, Twillo  
 Team size: 1  
 Description: Application provides popularity-based recommendation and item similarity based personalized recommendation to travellers with Collaborative Filtering approach. Image based recommendation feature matching.
- Project Title: **Banking Chatbot**  
 Environment: IBM Watson, PHP, Javascript, JQuery, animate.css  
 Team size: 5  
 Description: Developing and deploying chatbot for banking website providing answers to user queries and check their personnel account information. Chatbot uses SQL database.
- Project Title: **Social Network**  
 Environment: PHP, MySQL, PHPMailer, Textlocal  
 Team size: 2  
 Description: Application deals with notifications of the events. User on posting information about the event will be sent to mobile number and email. Chat functionality is implemented for more queries.

## Workshop

- Winner of **TEKHACK** 24hrs. Hackathon conducted by SmartBridge in collaboration with IBM on building Chatbots using IBM Watson from 11<sup>th</sup> to 13<sup>th</sup> October 2018 held at BIET Davangere.
- Participated in **New India Student Championship 2018** The Largest Learnathon of India conducted on 3<sup>rd</sup> February 2018 organized by ICT Academy on Salesforce Trailhead Platform.
- Attended **NAIN** (New Age Incubation Network) workshop on Entrepreneurship held at JNNCE, Shimoga.
- Attended **Crash Course on C++** organised by CS&E Dept., BIET Davangere.

## Certifications

- Python with Machine Learning, Data Science, Artificial Intelligence and Blockchain** by LearnCodeOnline Inc.
- Machine Learning and Data Science Bootcamp** by LearnCodeOnline Inc.
- The Complete Front End Web Developer Bootcamp** by LearnCodeOnline Inc.

## Achievements

- One among top 1300 teams from over 34,000+ teams all over India for the **Grand finale of Smart India Hackathon 2019** – Software Edition held at nodal centre Rajpura, Punjab on the project AI Solution to Farmers for Rastriya Chemicals and Fertilizers (RCF).

- Secured 10<sup>st</sup> place among top 1300 teams from over 17,400+ teams all over India for the **Grand finale of Smart India Hackathon 2018** – Software Edition held at nodal centre Nagpur, Maharashtra on the project Application to Locate Skilled Labour for Highway Construction works for Ministry of Road Transport and Highways.
- Working on the project Smart No Parking Sensor which has been seed **funded 3 lakh Rupees** by the Government of Karnataka submitted under **NAIN** (New Age Incubation Network).
- Working on research paper “Optimized Data Mining Techniques for Zone Delineation and Yield Prediction for Precision Agriculture”.
- Secured 1<sup>st</sup> place among 62 teams in **TEKHACK hackathon** conducted by **SmartBridge** in collaboration with **IBM** for building chatbot where we had developed Banking Chatbot.
- Secured 4<sup>th</sup> place among 35 teams in **NAIN hackathon** conducted by **NAIN** (New Age Incubation Network) on entrepreneurship where we developed the idea to market our product.
- Worked as full stack developer for “**Bapuji Institute of Engineering Technology**” **College Website** design and development team.
- Top 6 finalist among 400 students in **TEKHACK hackathon** conducted by **SmartBridge** in collaboration with **IBM** for building AI for healthcare.
- Secured 1<sup>st</sup> place in **Code Veta** on 24<sup>th</sup> February 2018 organised under Technie’18 (State Level Technical Fest) by CS&E Dept., Jain College of Engineering Davangere.
- Secured 2<sup>nd</sup> place in **Hack The Box** on 3<sup>rd</sup> April 2019 in Infozest organised by IS&E Dept., BIET.

## Extracurricular Activities

- Computer Science Forum (**UniCS**) representative coordinating all the programs held at department.
- **Volunteer** for DAVANA 2018 and 2019, College annual fest held at BIET.

## Strength

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|-----------------------|-----------------|
| • Team player         | • Flexible      |
| • Continuous Learning | • Self-Learning |

## Subjects of Interest

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|-------------------------------|-------------------------------|
| • Web application development | • Natural Language Processing |
| • Machine Learning            | • Blockchain                  |
| • Data Science                | • UI/UX design                |
| • Deep Learning               | • Data Structures             |
| • Computer Vision             | • Algorithms                  |

## Personal Information

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|---------------------|--|
| • Father’s Name     | : Sudhir Kumar   |
| • Date of Birth     | : 22 <sup>th</sup> October 1997  |
| • Gender            | : Male   |
| • Languages known   | : English, Hindi   |
| • Hobbies           | : Playing volleyball, exploring new places                                       |
| • Permanent Address | : Village + Post – Narma, Police Station – Hathauri, Muzaffarpur – 843129, Bihar |

## Declaration

I hereby declare that above mentioned information is true to the best of my knowledge and belief.

Date: 8<sup>th</sup> October 2019  
Place: Davangere

Yours faithfully,  
(NAMAN ANAND)