Amandeep Bhupal
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EDUCATION:

Bachelor of Technology in Computer Science Engineering   **2015 - 2019**
- Shiv Nadar University   CGPA: 8.09 (Till 7th Sem)

INTERNSHIPS:

GailGas, Noida   **May - Jun 2018**
- Created a Bank Guarantee Management System for the employees of the company using .NET, C#, HTML, CSS.
- Designed the backend of the system using SQL Server.
- Constructed a user-friendly system to replace the SAP system that they used earlier.

Metacube Pvt. Ltd., Jaipur   **Jun - Jul 2017**
- Developed an e-commerce website as part of training project.
- Created the databases using SQL Server.
- Fabricated a user-friendly front end system for the company to sell their products using Visual Basic as platform and C#, HTML, CSS, NodeJS and .NET as the languages.

Web Assets Pvt. Ltd.   **Oct 2017 - Jan 2018**
- Handled marketing through Social Media accounts for 5 of their client companies thereby doubling the sales of the companies in 3 months' time.

ACADEMIC PROJECTS AND RESEARCH WORK:

Research project on "Comparison of pooling operations in Convolution Neural Networks for Image Classification"   Jul - Dec 2018
- Conducted a comparative study of the performance of generalized pooling operations and standard pooling operations on a fixed architecture for several image classification tasks.
- Compiled results and analyzed whether pooling layers like mixed and DPID scaling of pooling layers outperform image downscaling by traditional pooling methods.
- Research conducted under Professor Rajeev Kumar Singh.

Research project on "Socio Economic Development of Dairy Farmers" in Village Chithera, U.P   Jul - Dec 2018
- Conducted a study to understand the socio economic state of Dairy Farmers in a village near our SNU campus.
- Compiled results and sent to the ones interviewed for the study, and suggested ways to increase their family income of the house by increasing Dairy Farming business.
- Research conducted under Dr. Jyoti K. Sharma.

Internet of Things Project   **Jan - May 2018**
- Developed a model for a Smart City on the highway with a Smart street lighting system which automatically lit up at sunset till sunrise, Smart speed detection system constructed using motion sensors, Smart load measuring system built using weight sensors and Smart forest fire detection system which automatically sent GPS location of forest fire to nearby residents and Central Authority.
- Collated data in real time accessing information collected in a central IBM Cloud
- Project completed under Dr. Debopam Acharya & Dr. Divya Lohani

Web Development Project using Agile   **Jan - May 2018**
- Developed 'Le Talent', a platform which facilitated freelancing and contract based job opportunities based on individual's skills and talents, which served as a solution for managers and recruiters for searching the right candidate based on skills.
- Constructed a progressive web application using NodeJS and Flask in the backend, and ReactJS, HTML and CSS with Material UI in the front end.
- To facilitate payments, a third party payment option was provided for exchange of money on the basis of quality of the completed job or product.
- Project completed under Professor Snigdha Biswas

Creativity Concept & Design Project   **Jan - May 2018**
- Fabricated Minimalistic slippers –by dipping lower portion of socks in rubber paint for providing resistance while walking.
- Conceptualized for people who like to walk barefoot enjoying the health benefits of walking barefoot.
- Project completed under Dr. Amit Ray & Prof. Nishant Mishra

Software Engineering Project   **Aug - Dec 2017**
- Conceptualized a live chat bot, capable of monitoring an online session or an online group discussion where the teacher can have a direct impact on the working of the group sitting at his/her own place and can even grade the students on individual work and along with this students can also ask suggestions directly regarding the project
- Implemented over Eclipse using Java and JMF.
- Project completed under Professor Snigdha Biswas

Java Project   **Aug - Dec 2017**
- Developed a quizzing portal using Java which has been used to conduct 10 University-wide quizzes so far, having around 200 participants each time.
- Designed front end pages and linked to the backend.
- Project completed under Professor Anuradha Ravi

Software Management Project under Professor Snigdha Biswas   **Jan - May 2017**
- Built a user friendly Online Voting System for University, replacing older methods of voting, which let a candidate vote and see the current results.
- Programmed using HTML (frontend), PHP(backend) and MySql (database)

POSITION OF RESPONSIBILITY:

Co-Founder and Associate Secretary of Go Green Club, SNU   **Jul 2018 - Present**
- Increased cleanliness and greenery inside and outside campus (villages around) by holding awareness camps and by planting 50 indigenous tress in campus and 100 indigenous trees in Village Chitthera and Palla.
- Implemented reusable token system in place of paper receipts used in University mess to stop paper wastage

Campus Ambassador of World Youth Council   **Jul - Aug 2017**
- Advertised a nation-wide competition with 3 rounds to raise awareness and funds for the mentally challenged of India by getting 50 teams of 3 to register for the competition from the University.

Market Research Team Leader and Content Writer at Travart Pvt. Ltd. (a travel company)   **Jul - Nov 2017**
- Worked with the company as content writer for duration of 2 months.
  Selected to lead a team of 10 for market research and was appointed in-charge of itinerary formation of 10 holiday destinations.

Digital Marketer and Sales Lead Generator for Savart (an investment startup)   **Jul 2017 - Feb 2018**
- Managed competitor analysis for the company, SEO and handled approximately 20 clients from Shiv Nadar University.

Fresher's Event Organizing team member   **Aug 2016 - Aug 2017**
- Headed organizing committee of Fresher's party for the freshmen batch of 2016 and 2017.

VOLUNTEER EXPERIENCE:

Social Worker at Prayaas Corps   **May - Jun 2017**
- Tutored 30 slum kids basic Mathematics, English, Drawing and Dance for 2 months.

Social Worker at Swachh Bharat Abhiyan Internship organized by Government of India   **Jul - Aug 2018**
- Organized cleanliness awareness campaigns in Village Chitthera and Palla of Uttar Pradesh by visiting door to door and interacting with the villagers.
- Conducted Swachh Bharat workshops in the respective villages to explain the importance of cleanliness to kids and to teach them how to dispose of waste properly.

ACTIVITIES AND INTERESTS:
- Co-Founded Go Green Club at Shiv Nadar University
- Member of Inferno: Dance Society of Shiv Nadar University
- Member of AURA: club at Shiv Nadar University which helps the underprivileged kids of Dadri attain proper education
- Member of Feeding India-SNU Chapter (Sponsorship team)
- Member of Dhruva Society of Shiv Nadar University
- Volunteered at VISAKA Programme by Government of India, Ministry of Human Resource Development: popularized cashless transactions via BHEEM among villagers
- Organised a nation-wide competition iSafe: to spread awareness about road safety amongst the youth of India, in collaboration with Ministry of Road Transport and highway, communicated with 10 participant colleges throughout India and acted as point of contact for 50 participants.
- Volunteered at SHIKSHA, an NGO that works for Education of the underprivileged, as a Maths tutor.
- Diploma holder in Kathak

AWARDS AND HONORS:
- School topper in International English Olympiad in 2013
- Swimming champion at school from 2012-2014.
- School basketball team member, won inter school matches in 2012 and 2014
- Among top 3 performers in class from 2008-2015

TRAININGS AND CERTIFICATIONS:
- HTML5, CSS3 and JSS Certification by University of Minnesota (Coursera)
- Digital Marketing Certification by Google
- Python Certification by Udemy
- Inbound Marketing Certification by Hubspot
- Pursuing Human Resource Management Course on Coursera
- Pursuing project-centric Android Development Course on Coursera