

# Nandini Khanna

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I am an enthusiastic and ambitious person who believes in learning by experience. I am efficient in working with other team members to complete my objectives on time and deliver with excellence.

## Skills

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MS Office, Data Analytics, Data Mining and Predictive Analysis, Machine Learning, Cyber Security, and Essentials of Management

## Work History

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**2019-07 - 2020-07**

### Software Engineer

*Western Digital, Bangalore, Karnataka*

- Interfaced with cross-functional team of business analysts, developers and technical support professionals to determine comprehensive list of requirement specifications for new applications.
- Stored, retrieved and manipulated data for close analysis of testing database performance across a 2 year period.

**2019-01 - 2019-06**

### Intern

*Western Digital, Bangalore, Karnataka*

- Research Analysis on Big data technologies to draft a plan to move from traditional database to a clustered architecture with a dataset of size 400gb+.
- Computing analytical and complex queries with useful representations on a 3-node cluster.

**2018-05 - 2018-07**

### Intern

*Western Digital, Bangalore, Karnataka*

- Found frequently occurring patterns which can be optimized in the new compilers. Approximately, 6k kb was saved by all the patterns found.
- Resulted in a 3% comparable difference between outsourced compiler and new in-house compiler from 20%.

**2017-05 - 2017-07**

### Intern

*Wipro, Bangalore, Karnataka*

Enabled the move money section of Wipro's open banking project with new technologies. Open Banking is a successfully implemented product by Wipro now.

**2016-12 - 2016-12**

### Volunteer

*IIMPACT NGO, Gurgaon, Haryana*

Worked on the field with schools in Alwar and Mewat. Wrote case studies on inspiring stories of the girls in this field. The case studies were featured in the Annual Report of 2017 and newsletter of Jan 2017 of IIMPACT.

**2014-04 - 2014-07**

### Volunteer Teacher

*Rotoract*

## Education

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2015-08 - 2019-07

### B.Tech: Computer and Communication Engineering

*Manipal Institute Of Technology (MIT) - Manipal, Karnataka*

- Graduated with 8.8 CGPA
- Graduated in Top 10% of Class.
- Minored in Data Analytics
- Member of Leaders Of Tomorrow which organizes MUN events.
- Organizer for Sponsorship team for Tech Fest. Got 3 sponsors for the fest along with the speaker from TVF for the conclave talk on final day.
- Organizer for Proshow in the Cultural Fest - footfall of 500 students from 20 colleges in that year.

2003-01 - 2015-01

### ICSE: Science

*The Frank Anthony Public School - Bangalore*

- Graduated with 95% in XII grade.
- Graduated with 88% in X grade.
- 2nd place overall in high school.
- Member of Pen and Ink club.

## Projects

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- Website for NKConsultants - 2017 - Maintained it for 2 years. Established an ads campaign for the same which increased website traffic by 50% along with increase to 30 calls per day through the ads.
- Prediction of stock prices using R - Twitter dataset along with sentiment analysis as input into linear regression model in R for stock prediction.
- Mobile App for products display - Android app which displays the products of the company and allows the users to login and chat with each other about individual products.
- Oversaw Digital Marketing at NKC - Overlooked the revamp website development for NKC. Helped make analysis reports on the progress of social media campaigns to garner better insights and form plans ahead.

## Certificates and Accomplishments

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- Secured **2nd place** in HP code wars out of 200 teams.
- Won **Rolling Trophy in Mathematics** in class XII
- Completed a **trek** in the Himalayas to Hampta Pass which is at 14500ft.
- Attended an 8 hour seminar on **personal leadership** organized by 9 dots in Western Digital.
- Wrote a **blog** about the importance of IT revolution for non-IT industries especially in the event of a pandemic for NK Consultants.
- Completed level A1 in **French** from Alliance Francais.

## Languages

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English  
Hindi

