

ARK NANDAN SINGH CHAUHAN

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[Linkedin](#) ♦ [Github](#) ♦ [Portfolio](#)

Personal Profile

Currently pursuing Computer Engineering with proactive involvement in extracurriculars, I am actively looking for full time graduate opportunities in Software Development because of my immense passion for the field.

Skills Profile

LANGUAGES: C, C++, PYTHON, PHP, JAVASCRIPT
**TECHNOLOGIES/
ENVIRONMENTS/OS:** LINUX, MYSQL, MATLAB, AWS, AZURE, ANACONDA

Education

Trinity College Dublin, University of Dublin — BE Computer Engineering

SEP 2019 - PRESENT

GRADE: 1

- Pursuing third and fourth-year as a full-time student
- Courses: Data Structures & Algorithms, Operating Systems, Database Management Systems, Computer Networks, Deep Learning, MicroProcessors.

Thapar Institute of Engineering and Technology, Patiala, India — B.tech Computer Engineering

APR 2017 - MAR 2019

CGPA: 9.52/10

- Pursued first two years of Bachelor's of Technology in computer engineering
- Achieved first position in Computer Engineering batch in the academic year 2018-2019.

Delhi Public School, Delhi, India —

JUL 2015 - APR 2017

SCORE: 96%

- 12th Standard Equivalent to Irish Leaving Certificate

Experience

Amazon Web Services(AWS), Dublin — Systems Development Engineering Intern

MAY 2020 - SEP 2020

- Worked on the development of automation solutions within AWS's Optical Networking ecosystem.
- Worked on Device Operations for provisioning network devices via Zero Transition Provisioning(ZTP) process without human intervention.
- Worked on Amazon's latest in-house network device Tigris and delivered operations supported by it.
- Designed, developed and delivered software in Python in order to help network engineers enable the best network performance.
- Worked with Pipelines for Continuous Integration and deployment of code globally.

The Phoenix, Dublin — WordPress Developer

DEC 2019 - FEB 2020

- Worked part-time on managing the magazine website on the WordPress portal.
- Redesigned the front-end and managed the website's back-end including database and e-commerce plugins like WooCommerce and Shopify.
- Conducted WordPress training sessions with the team.

Worklabs, India — Trainee Web Developer

JUN 2018 - JUL 2018

- Worked in a team of front-end developers using agile methodology
- Developed a front-end template for a hospital, using HTML, CSS, JAVASCRIPT & JQUERY.

Portfolio

Android App Development—

- Developed an android app in Java for students looking for freelance tutors .
- Designed a functional login and registration system with Google Firebase email and phone authentication.
- Developed a chat based component with one on one and group chat functionality.

Self Driving Car—

- Built a fully functional self driving car simulation fuelled entirely by deep learning.
- Worked with computer vision techniques via open-cv for traffic lane detection.
- Trained convolutional neural networks to identify various traffic signs.
- Used behavioural cloning to train the car on an open source self driving car simulator provided by Udacity.

The Vent—

- An entrepreneurial initiative aiming to provide the youth a condign and comprehensive platform to vent their opinions.
- An absence of such a platform in the college commune motivated us to endeavour towards this venture.
- Designed and developed a WordPress based online web app with login,article posting, social forum and in-person chat functionality.

Interests and Achievements

- Volunteered at Coder Dojo, Trinity College Dublin for teaching primary school kids, basics of coding with scratch and javascript.
- Participated in Trinity-Intel Employability award achieving the Trinity Employability Award Plus.
- Webmaster at Pirates Society Trinity College Dublin, managed the society website written in Flask along with their social media handles.
- **Microsoft Technical Associate** — Azure Cloud Computing
 - Cleared Microsoft's exam for Cloud Fundamentals.
 - Developed a project on Geographical Traffic Manager on Microsoft Azure using Virtual networks, subnets, load balancers and virtual machines.

References

- Mr. Prabal Gupta
Chairman, IFSA India
prabalgupta1307@gmail.com — Supervisor for the development of the website.
- Mr.Karan Gupta
Director, Worklabs India
karan@worklabstech.com — Head of the training program at Worklabs