






Naman Narula

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Profile

A talented student with extensive knowledge in technological fields such as IoT, Linux and cloud services.

- Complete hands-on development expertise in IoT and hardware-software integration using devices & services like Raspberry Pi, Node-RED, IFTTT and Google Cloud APIs.
- Practical knowledge of hosting and configuring various applications on the cloud, especially with AWS & LAMP stacks.
- Strong WordPress development skills; built several websites for personal projects & various clients across the globe.
- Excellent familiarity with command-line systems in configuring & managing various applications like storage & media servers, DNS sinkholes, VCS like GitLab & Gitea, Automation servers like Jenkins, and much more, primarily with Debian-based distributions.
- Deep understanding of Artificial Intelligence & Machine Learning concepts, with hands-on experience in training & predicting computer vision & NLP models with TensorFlow.
- Currently planning to pursue **Bachelors of Science in Data Science and Programming from IIT Madras.**

Check out my entire journey here! 

Skills

Amazon Web Services (AWS)

EC2, EBS, EFS, VPC, RDS, S3, SQS, SNS, Lambda etc.

IoT

Raspberry Pi, Node-RED, IFTTT

Artificial Intelligence / Machine Learning

TensorFlow - Image Classification & NLP

Linux/CLI

Basic CLI commands including SSH, File & User Management, Scripting, Text Editing etc.

Web Development

HTML, JS, CSS & WordPress

Projects

05/2019

VisiORAL: Human Eye for the Visually Impaired

A project aimed at transforming the visual world into the audio world for the blind and making them aware of the objects around them using Google's Cloud Vision API & a Raspberry Pi. This project has received over **250,000** views and **6000** likes across LinkedIn.

"**The Changemaker**" plaque was awarded by Dr. Amita Chauhan, Chairperson - Amity Group of Schools, in appreciation of the outstanding innovative approach to this project.

Also bagged a **gold medal** in an inter-school competition in NCR & the **first position with a cash prize** in the District Science Exhibition organised by the state government.

- 08/2018 **Google Home with Raspberry Pi** [↗](#)
After my dad refused me to get Google Home, I built my own using a Raspberry Pi & the Google Assistant API. This witnessed over **350,000** views and more than **8000** likes across LinkedIn.
- 05/2021 **Rock Paper Scissors with TensorFlow** [↗](#)
A model trained with TensorFlow to recognise hand gestures, and to play rock-paper-scissors against the computer.
- 03/2018 **namantechlabs.com** [↗](#)
The first website that I built at the **age of 13**; and authored over 15 articles relating to PC building, hardware & IoT.

Professional Experience

- 11/2020 **Teen Intern**
FamPay [↗](#)
FamPay is a fintech start-up focused on online and offline card payments for teenagers and has raised over \$40 Million in funding from various VCs.
I have worked alongside their business development team to curate engaging content for social media reach and influence, and contributed to organising, and partnering with influencers for FamJam 2.0, India's largest digi-fest for teens.
Letter of Recommendation [↗](#)
- 06/2019 – 07/2020 **Freelance Website Development**
Fiverr
Worked with customers from the UK and the US to understand needs and build them websites with WordPress or update their existing ones.

Courses/Certifications

- 05/2021 **Introduction to Tensorflow for Artificial Intelligence, Machine Learning and Deep Learning** [↗](#)
DeepLearning.AI
- 08/2020 **AWS Certified Solutions Architect - Associate 2020** [↗](#)
A Cloud Guru; Udemy.com
- 08/2020 **Fundamentals of Digital Marketing Certification** [↗](#)
Google; Certificate ID: C5K 3HQ U4Q
- 10/2018 **Programming with Python** [↗](#)
Udemy.com

Education

- 2020 **10th Grade**
Amity International School
- 2022 **12th Grade - Science + Mathematics**
Govt. Sr. Secondary School