

AADITYA RAUTELA

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EDUCATION

Delhi Technological University BTech Electrical Engineering <i>GPA: 9.3/10</i>	New Delhi, India Aug 2019 - May 2023 (Expected)
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CERTIFICATIONS

Natural Language Processing Specialization	deeplearning.ai December 2020
Deep Learning Specialization	deeplearning.ai May 2020
Introduction to Applied Cryptography Specialization	University of Colorado System May 2020
Welcome to Game Theory (with Honors)	The University of Tokyo May 2020

SKILLS

Programming Languages:	C, C++, Rust, Python, HTML, CSS, JS, PHP
Technologies:	Linux, macOS, Git, Keras, Laravel, CircleCI, Office Tools, Pytorch
Languages:	English, Hindi, Japanese (Elementary)

EXPERIENCE

Grorapid <i>Software Engineering Intern</i>	New Delhi Aug 2020 - Jan 2021
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- Refactored end to end services to follow a containerized architecture, replacing the earlier inflexible architecture.
- Implemented 3rd party integrations (Google, Facebook, Twitter and LinkedIn) to the platform for automated tasks.
- Replaced the manual testing process with CircleCI, added 71 automated tests to the platform.
- Implemented subscription module, to manage platform's subscriptions.

Gennex Innosource <i>Web Developer</i>	South Extension II, New Delhi Dec 2019 - Jan 2020
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- Developed a single page responsive website, adhering to modern design principles.
- Organised the backend, migrated DNS to Cloudflare for faster response times and improved security with built-in DDoS mitigation.

DynamiX Clan - School Computer Club <i>President</i>	Ramjas School RK Puram, New Delhi 2017 - 2018
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- Led the club to one of its most successful years, clinching podium finishes at various national and international tech events.
- Organised DynamiX 17 and DynamiX 18, annual tech events of the club.

PROJECTS

Nand2Tetris <i>Python, Jack, HDL(Hack)</i> Built a general-purpose computer system from the ground up. Developed a CPU and Memory in a custom Hardware Description Language (HDL). Implemented an Assembler, VM Translator and Compiler for a custom Java-like object based programming language called Jack in Python. Also created an Operating System for the developed hardware in Jack.	github.com/aadityarautela/nand2tetris
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Fe2O3 <i>Rust</i> Implemented a CHIP-8 emulator in Rust.	github.com/aadityarautela/fe2o3
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nash <i>C, POSIX APIs</i> A shell written for Unix-like Operating Systems in C.	github.com/aadityarautela/nash
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AnimeDCGAN <i>PyTorch</i> DCGAN to generate anime style faces	github.com/aadityarautela/AnimeDCGAN
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