

Tushar Singh

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

B.TECH. IN COMPUTER SCIENCE
 SPEC. INFORMATION SECURITY
 May 2021 | Vellore, India
 School of Computer Science
 CGPA: 8.4 / 10.0

TAGORE INT. SCHOOL

HIGH SCHOOLING
 Grad. May 2017 | New Delhi, India
 Overall : 85%

LINKS

GitHub:// [tushar1210](#)
 LinkedIn:// [tushar1210](#)
 Code Chef : [I3nz](#) (3 Star)
 Stack Overflow : [tushar](#)

COURSEWORK

UNDERGRADUATE

Data Structures
 Operating Systems
 Database Management Systems
 Networks and Communication
 Artificial Intelligence
 Software Engineering
 Internet and Web Programming
 Computer Architecture
 Parallel and Distributed Computing
 Digital Logic
 Network Security
 Cryptography

SKILLS

CCNA (200-301) certified (exp:2024)

PROGRAMMING

Over 5000 lines:
 Java • Python • Swift • JavaScript
 Over 1000 lines:
 C • C++ • CSS • PHP • HTML
 MySQL • Shell Script
 Familiar:
 Go • MongoDB • Docker • C#
 Unity • PyTorch • Tensorflow

EXPERIENCE

NUTANIX | SRE INTERN

Jan 2021 - June 2021 | Bangalore, India

- Worked on Sapphire-bot which is responsible for support case assignment to the SREs, directly impacted the business by streamlining the World-Wide support case assignment. (Node.js + MongoDB)
- Underwent thorough training on hardware, networking, Linux, Virtualisation, VMWare-ESXi and Windows Server.

HCL TECH. LTD. | SUMMER TRAINEE

May 2019 - July 2019 | Noida, India

- Worked with Cloud and Virtualization technologies like Open Stack, Nutanix Core, VMWare ESXi and VMWare Workstation
- Was Responsible for creating multiple Open Stack projects used for delivering client requirements.
- Worked with Neutron, an essential component in Open Stack to manage networking capabilities of a Virtual Machine Instance.
- Contributed towards completion of 5+ projects.

VICARA TECH. | SOFTWARE ENGINEERING INTERN

Mar 2019 - Jan 2020 | Vellore, India

- Created the Kai updater app, an essential iOS application to update the key Vicara products. (Swift)
- Created the Kai Node.js library, used to develop applications for Kai store
- Worked on the development of Kai Store backend. (Node.js)
- Created the Kai-Photoshop module, which was used by the company in funding pitches. (Node.js)

PROJECTS

ELECTION EYE [link to the project](#)

- Developed an iOS application to determine vulnerable constituencies during 2019 Lok Sabha elections, in collaboration with Vellore Police Department.
- Helped the Tamil Nadu State Police, in conducting successful elections.
- Worked on the iOS application front end (Swift).

PAPER VIT [link to the project](#)

- Developed an iOS app that enables students to access previous year question papers.
- Application used by 1500+ students.
- Worked on the back end (Node.js + MongoDB) and the iOS Application (Swift)

TAP [link to the app](#)

- Developed an iOS Application used for automating login to VIT WiFi using a single touch
- Used by almost every VIT student with an iPhone.
- Saved 10+ minutes every day of each active user, by eliminating 100+ touches.
- Worked on the iOS application. (Swift)