

Tabish Shaikh

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Curriculum Vitae

Education:

- 2016–Present: **BTech in CSE (Computer Science and Engineering)**, IIT Jammu.
2014–2016: **Class 12**, HSC board from Anglo Urdu Boys High School and Junior College
(Came **2nd** in class 12 from 200 students).
2014: **Class 10**, The Bishops School, Pune, India.
(**93.4%** in ICSE board)

Major Projects:

- **Reactor:**
Winter Internship (December(2017) – January(2018)) At **Youstart Technologies** (Jaipur)
 - **Technologies used:** Reactjs, React native, node js, Javascript, HTML, express.
 - This project involved the development of an automatic app maker. Using the website, the user could drag and drop features into the preview of app shown on the screen and by pressing the download button the user can download the release APK of the app. Our main focus was the app **compiled automatically** on the backend server. To automate backend, we used **NodeJS** on the server side with frameworks such as **express**. We successfully automated the backend cycle of compiling the app and tested our cycle by building a news app according to the user's choice.
- **Setting up an efficient provably-secure certificateless signature scheme for Internet-of-Things deployment:**
(Under supervision of **PHD Scholar Ankur Gupta, MNIT Jaipur**)
Implemented a secure and power efficient security protocol for IOT devices such that even if MITM (Man In The Middle Attack) takes place the unauthorised person would not be able to break the encrypted data.

Other Projects:

- **Binary Image Classifier:** Built using ResNet-34, Pytorch, fast.ai libraries.
<https://www.linkedin.com/feed/update/urn:li:activity:6438010022919278593>
- **Pocket Tanks:** A web browser version of the famous game Pocket Tanks with additional features such as messaging and video calling. Implemented using **NodeJS**, **JavaScript** and **webRTC**.
https://github.com/tabshaikh/pocket_tanks
- Developed android apps in java using android studio.
- Developed native apps both web apps and mobile apps using reactjs and react native.

Extra Courses:

- Machine Learning by Andrew Ng on Coursera.
<https://www.coursera.org/account/accomplishments/verify/ES3FLHTUHSQC>
- Unix Workbench(Coursera), Introduction to Linux (edX), Intro to ReactJS Part 1, Part2(code academy), Data scientist using Python(Datacamp).

Computer Skills:

Programming Languages:(Comfortable) C, C++, Java, VHDL, Python, ReactJS, React Native, JavaScript, NodeJS. (Exposure) AngularJS, Bootstrap, Pytorch, Tensorflow, OpenCV.

Software Packages: Matlab, Xilinx, Autodesk, NXT programming, Octave.

Platforms: Linux and Windows.

Achievements:

- Represented India in the **Youth Exchange Program** to China.
- Secured **All India Rank(AIR)** of **6188** among 10Lac students in **Joint Entrance Exam (JEE) Advanced**.
- Qualified **KVPY exam (2015)** with a rank of 1000 among 2 lac students.
- Placed 1st in **Indian Robotics Olympiad (IRO)** in Pune region (2013).

Extracurricular Activities:

- Conducted workshops on Linux at Youstart Technologies Jaipur and IIT Jammu.
- **Mess coordinator** IIT Jammu (August,2016 - December,2016).
- **Coordinator Coding Club** IIT Jammu(January,2018 - Present).
- **Student Mentorship Program IIT Jammu (Team Lead):** Created the Student Mentorship Program (SMP) of IIT Jammu and developed a mentorship website with a team of 6 students to help freshers get acquainted to college life at IIT Jammu.