

Kunal Garg

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Education

- 2016-present** **B.Tech in Computer Science and Engineering**, International Institute of Information Technology, Hyderabad, CGPA – 9.22/10.0.
- 2014-2016** **Senior Secondary, CBSE** , Bhupindra International Public School, Patiala. Percentage – 93.
- 2013-2014** **Secondary, CBSE**, DAV Public School, Patiala, Punjab. CGPA - 10.0/10.0.

Projects

- Fitness Android App** Developed Android Fitness App for startup named Variance AI using Android Studio.
- Contest Portals** Contributed to contest portals of backend and frontend of Felicity-buzz-2017 for various events of written in infernojs(a version of reactjs) and koa-js.
- State Restoring Quiz App** Developed State restoring Quiz Web App using Ruby on Rails and hosted it on heroku server. There were multiple genres and for each genre multiple subgenres. When user leaves the quiz in between he/she is given the option to restore the previous state of the quiz or start a new quiz.
- Book My Show Web App** Developed a dummy app of book my show using Python and Flask. It had add movie, add theatre , set seat cost, set off theatre date functionality for admin. It was hosted on https server using nginx.
- C Shell** Developed a shell coded in C similar to bash, with few new commands and features like redirection, piping and signal handling.
- Python Scripts** Developed Python scripts for downloading images from a website, uploading files to gitlab, making histogram charts of performance of all students of class if there marks are known.

Games

Terminal Based(Python) : Implemented Bombar-man with terminal based UI.

HTML5 Based(HTML and JS): Made desktop based maze game using just HTML and JS. Every time page is refreshed a new maze is generated

Technical Skills

Working
Knowledge
Past
Experience

Shell ,HTML5, CSS, Vanilla-Js, Python, C , C++(STL), Ruby
Android App Development, Ruby On Rails, Java, Octave
Jquery, Flask, Racket(Scheme), InfernoJs, Koajs

Relevant Coursework

CS

Computer Programming, Data Structures, Algorithms, Operating System, Computer Architecture, Database Systems, Structured Systems Analysis and Design

Electronics

Digital Logic and Processors, Basic Electronic Circuits.

Mathematics

Discrete Mathematics, Linear and Abstract Algebra, Complex Integrals

Achievements

Dean's Merit
List

Selected in Dean's Academic Merit List for excellence in academics for all semesters.

JEE

Scored 304 in JEE Mains(2nd highest in Punjab) and ranked 1599/1.5 lac in JEE Advanced.

KVPY

Qualified both stages of this exam in 12th and first stage in 11th.

RMO

Qualified RMO in 11th (was 1 of the 35 students from the northern region).

NSEJS

Qualified Junior Science Olympiad in 10th(was 1 of 3 from Punjab).

NTSE

Qualified National Talent Search Exam in 8th.

Position of Responsibility

2017

Felicity(College Fest) **Web** Team member