

Anirudh Khanna

Bachelor of Engineering CSE (2014 – 2018 batch)
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[anirudhkhanna.github.io](https://github.com/anirudhkhanna)



github.com/anirudhkhanna



EDUCATION:

Qualification/Degree	School/College	University/Board	Year	Marks/Grade
B.E. (CSE)	Chitkara University, Rajpura, Punjab	Chitkara University	2014-2018 (expected)	9.52 CGPA (currently)
Class XII (PCM CS)	Army Public School, Faizabad, Uttar Pradesh	C.B.S.E.	2013-2014	87.6%
Class X	Army Public School, Faizabad, Uttar Pradesh	C.B.S.E.	2011-2012	10 CGPA

PROJECTS & TRAININGS:

- Drug Formulary Project – Nerve24 Technologies Pvt. Ltd. (2016) <ONGOING PROJECT>**
(AngularJS | HTML5 + CSS3)
Team size: 4
Role & skills used: Frontend Designer. Responsive web design in AngularJS.
Drug Formulary Project aims to store and manage a descriptive database of various medications and share that information online between doctors, patients and pharmacists in a collaborative manner.
- Internet Controlled Electronics (ICE) – Voice-based Home Automation (2016)**
(Arduino | HTML5 Voice API | PHP)
Team size: 2
Role & skills used: Interface designer. HTML5 and Bootstrap. Implementing HTML5 Speech API.
ICE (Internet Controlled Electronics) is a home automation project which aims to connect the user to his home appliances via the Internet with facilities such as voice control and user-defined commands.
- Website of Gyancity Research Labs – gyancity.com (2016)**
(HTML5 | CSS3 | JQuery | Bootstrap framework | PHP)
Team size: 2
Role & skills used: Web designer. Responsive web design in HTML5, CSS3, Bootstrap, JQuery.
Gyancity website (gyancity.com) - one of my first commercial projects - required a complete responsive website for the international research group of Gyancity Labs, along with web portals for their journals and certification programs.
- QuickScript Platform (2016)**
(C Language | Windows & POSIX Compliant | Open Source - GNU GPL 3)
Team size: Started individually; later a team of 4 developers
Role & skills used: Project initiator and lead developer. C Programming, with multi-platform compliance (Windows, POSIX/UNIX).
QuickScript is a simple and easy to learn platform with a special-purpose language that can be used to design artificial conversational agents and programs that involve textual dialogue between humans and computers. It is free and open source.
Project website: anirudhkhanna.github.io/QuickScript | GitHub repository: github.com/anirudhkhanna/QuickScript

- **S.A.R.A.N.G. Chatbot (2015)**

(Artificial Intelligence Markup Language (AIML) | ALICE Bot Boilerplate Code)

Team size: Individual

Role & skills used: Developer. Chatbot programming using AIML.

Programmed in AIML (Artificial Intelligence Markup Language), SARANG (System of Artificial Responses and Neural Guidelines) can reproduce the functions of the human brain with great speed and accuracy using Case Based Reasoning. In short, it can chat with you nearly like a person.

Chat with him now at <http://demo.vhost.pandorabots.com/pandora/talk?botid=9f0f09a71e34dcf8>

ACHIEVEMENTS:

Academic

- Research paper on *Designing Natural Language Processing Systems with QuickScript as a Platform* selected in Springer ICACIE 2016, Odisha.
- Best Project Award in Integrated Project Display 2016.
- Earned Merit Certificate in Android Development Workshop 2016 organized by IIT Kharagpur SpringFest in Chitkara University.
- Got first position in Computer Science Web Designing Competition organized by the university in 2016.
- Research paper on *Anatomy and Utilities of an Artificial Intelligence Conversational Entity* published in IEEE CICON 2015, Jabalpur.
- Research paper on *A Study of Today's A.I. through Chatbots and a Rediscovery of Machine Intelligence* published in ICGCET 2015, Dubai.
- Presented research paper on *Harnessing Stray Energy from Computer Networks* in WECON 2015, Chitkara University.
- Got Merit Certificate from C.B.S.E. for meritorious performance in Class X by scoring 10 CGPA.

Cultural

- First position in Unisys Tech Masters Quiz 2016.
- First position in Toastmasters Turncoat "Self-Debating" Competition, 2015.
- State Level participant in Debate Competition on energy efficiency, 2015.
- Second position in ISTE Symposium & Paper Presentation 2015 organized by Indian Society for Technical Education.
- National winner of NCSC (National Children's Science Congress) 2012.

PROFESSIONAL SKILLS:

- **Development Tools and Languages:** C, C++, HTML, CSS, JavaScript, JQuery, Java, SQL, PL/SQL, Bootstrap, AIML
- **DBMS:** Oracle Database with SQL
- **Operating Systems:** Microsoft Windows, Linux
- **Application Software and Tools:** MS Office Word, MS Office PowerPoint, Git, GitHub
- **Certifications:** Stanford Online - Computer Science 101
- **Good written and verbal communication skills**
- **Team work, leadership and creative problem solving skills**

CO-CURRICULAR ACTIVITIES:

- Presented papers on A.I., green computing etc. in various research conferences.
- Took part in various technical competitions online as well as offline.
- Participated in several activities organized by the university related to art, culture, science and literature.
- Attended the Android Development Workshop organized in the university under IIT Kharagpur SpringFest, 2016.
- Attended the National Ethical Hacking Workshop organized by CSI & TechBharat in 2015.

INTERESTS & HOBBIES:

- Painting and sketching, Writing, Reading books, Web designing, Blogging