

JISHAN SHAIKH | RÉSUMÉ

Student and Developer

Status: Pursuing B. Tech. Computer Science & Engineering, Freelance Developer at Simple IT solutions (SIS).

Fields: Software Development, Web Development, Agile Project Development, Research, Project Management.

Prefers: Python, C/C++, Java, JS, PHP, HTML, CSS, MATLAB, Android, MySQL, CUDA, \LaTeX , related frameworks & libraries.

Activities: Open Source, Research, Startup (Simple IT solutions), National Cadet Corps. (National gold medalist (2)).

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Bhopal, M.P. (India)

Summary

A senior year CS undergraduate student with diverse project experience in the field of technology. I'm currently working as a freelance developer and researcher at Simple IT solutions (SIS). I've worked focus' on Software Engineering, Machine Learning (DL, CV, and RL) Security, Database, and Cryptography, mainly at university technology labs.

Experience | Major Open Source Projects (Selected)

Browser Security (Minor Project) - Researcher and Main coordinator

MANIT, Bhopal

- Surveying on browser security (attacks, threats, and preventives) and developing an extension tool for the same.
- Research focuses on security testing, browser comparison parameters, open source tools for Google Chromium.

Metro System Database Project - Back end developer (PHP and MySQL)

MANIT, Bhopal

- A database management system prototype using Agile methodology. Documented over 45+ pages.
- Current research focuses on its performance analysis, security, efficiency, software project management.

LangBot: An English chatbot - Programmer (Python and Tensorflow)

Individual Project

- A dynamic sequence to sequence translator in English language in form of a practical chatbot.
- Modeled in Keras, and trained using Reddit data with 7M+ parent-comment replies stored in MySQLite database.

lib-math: A mathematical and scientific library - Programmer

Github

- An efficient library having implementation of numerical functions from scratch in C.
- Status: Open source development at <https://github.com/Jishanshaikh4/lib-math>

e-MANIT: We live to discover (v0.1) - Web developer and designer

MANIT and Github

- Co-develop a website prototype having critical functionalities e.g. login, sign-up in HTML, CSS.
- Published as open source website at <http://e-manit.onlinewebshop.net>

Reversed Chess - Web Application developer (JavaScript and CSS)

Github

- An anti-chess implementation (5-level depth search AI) of chess using chess.js and chessboard.js libraries.
- Built tested at Travis. Playable on the go at <https://jsfiddle.net/qLejxauc/3/>

filter-search: A web application - Developer (PHP, Codeigniter, and MySQL)

Github

- Developed a dynamic web application for a fictional e-commerce firm (Ladies Clothing design).
- Implemented using PHP and codeigniter separately for comparative analysis using MySQL database.

Education

Bachelor of Technology - Maulana Azad National Institute of Technology, Bhopal (India)

2016 –

- Computer Science and Engineering | **GPA:** 8.41/10 | **Labs GPA:** 9.31/10
- **Minor Project-** Browser Security (Research). **Supervisor-** Dr. Deepak Singh Tomar. **GPA:** 9.58/10

Intermediate / +2 - Board of Secondary Education, Bhopal

2015

- Mathematical Sciences & Literature | **Marks:** 93.8% (District rank 3 and State rank < 15).
- Received scholarships and appreciations for excellent performance in state boards among 550 K students.