

Education

B. Tech. in Computer Science & M.S. by Research in Computational Linguistics (2013 - 2018)

International Institute of Information Technology (IIIT), Hyderabad. CGPA 8.13/10.

Work Experience

Software Engineer

Bloomberg LP (November, 2018 - present)

Develop and maintain systems that provide reliability to a high frequency trading platform used globally.

Google Summer of Code Software Developer

Rocket.Chat (June, 2017 - August, 2017)

Implemented end-to-end encryption for direct one-to-one and group messaging, and file sharing for the chat platform, based on the Signal protocol.

Summer Student

CERN, Switzerland (June, 2016 - August, 2016)

Worked with Computer Security team and developed a remote logins monitoring system ([link](#)) for intrusion detection on the CERN network, which manages 16000 devices at any time.

Research Assistant & Web Administrator

IIIT-Hyderabad (Jan, 2015 - April, 2018)

Responsible for development and maintenance of web based applications and tools for the Language Technologies Research Centre (LTRC).

Teaching Assistant

IIIT-Hyderabad (Aug, 2015 - December, 2017)

Instructed tutorials and labs, graded assignments and exams for courses: IT Workshop-I, Computer Networks, Systems and Network Security

Achievements

Winner - AngelHack Hackcelerator 2017

Co-founded a startup, developing a Machine Learning based chat platform for code-mixed messaging ([link](#)), and made a business pitch to investors and VCs at AngelHack Global Demo Day 2017 in San Francisco.

Winner - The Appening, Google (2016)

Developed an AI based scheduling app for Android that won Google's hack-a-thon.

Dean's Merit List, IIIT-Hyderabad (2013 - 2015)

Awarded to the top 5% students in class.

Projects

ProxiPY: HTTP proxy server (Nov, 2016)

Python, HTML5

Transport layer server for proxying HTTP requests with support for concurrent sessions, LRU based resource caching, external proxies, with real time logging and statistics in a web interface.

Secure File Transfer protocol (Feb, 2015)

C++, HTML5

File Transfer protocol implementation with RSA based encryption, chat functionality and a web interface.

Eve - AI assistant (May, 2014 - June, 2015)

NodeJS, HTML5

A platform independent AI assistant that responds to text and voice, integrated with Wit.AI, AccuWeather and other third-party services.

Wikipedia search engine (Feb, 2016)

Javascript, Python

A search engine for a large corpus of Wikipedia pages and a web based search engine as interface.

Automatic Essay Grader (Aug, 2015 - Nov, 2015)

Python

Automates essay grading using a regression model to predict scores with various classification algorithms.

Miscellaneous

Open Source Software contributor, Mozilla

Worked on Firefox Devtools and Instantbird projects

Technical reviewer for a book in production

PhoneGap Mobile App Development by Zainul Setyo Pamungkas ([link](#))

Co-ordinator at Open Source Developers Group (OSDG), IIIT-H

Technical Skills

Programming & Scripting

C, C++, Python, Javascript, HTML5, Java, *Swift, PHP*

Web frameworks & IDEs

Web2py, Django, NodeJS, Eclipse, Xcode

Others

MySQL, Git, *Oracle, Mercurial, OpenGL*