

V Sukeesh Babu

Education

- 2014–2018 **Bachelor of Technology**, *Indian Institute of Technology*, Roorkee, .
Metallurgical and Materials Science Engineering
- 2012–2014 **Senior Secondary School**, *Narayana Junior College*, Hyderabad, 97.2%.
Mathematics(100%), Physics and Chemistry
- 2012 **Secondary School**, *Narayana e-techno School*, Hindupur, 9.8/10.
Mathematics(10/10 GPA)

Experience

- May **Software Engineering Intern**, *Kassels.in*, Bengaluru.
- 2017–July
 - Contributed to design and development of Kassels web application from scratch
- 2017
 - Assisted in development of applications according to design specifications
 - Identified, analyzed and resolved software bugs during testing stage

Miscellaneous

- Aug **Algorithmic Challenges Curator**, *HackerEarth*.
- 2017–Present
 - Curation of problems and writing editorials for algorithmic programming contests held on HackerEarth.

Awards and Honors

- Ranked **25th** in HackerRank HourRank 7 among 1045 participants Globally
- Ranked **55th** in Codechef Snackdown 2017 Pre-elimination Round among 5375 teams Globally
- Ranked **178th** in ACM ICPC Amritapuri 2016 Online Programming contest
- Achieved **99.38%** percentile in JEE Mains 2014 among 1.3 Million candidates in India.

Projects

- Deep **AI Artist**, *github.com/sukeesh/AI-Artist*.
- Learning
 - A project that trains a convolutional neural network over a dataset to repaint an novel image in the style of a given painting
 - Used Tensorflow to build a VGG-Network
- Artificial **Jarvis**, *github.com/sukeesh/Jarvis*.
- Intelligence
 - A command line personal assistant for Linux and MacOS
 - This open source project is authored by me and have received over 700 stars on Github
 - This project has been mentioned in a leading global online tech publication, The Register https://www.theregister.co.uk/2017/03/13/repo_roundup/

- Machine Learning **Digit Classifier.**
- o Implemented Handwritten digit classifier using MNIST dataset
 - o Used Artificial Neural Networks and Stochastic Gradient Descent
- Linux **GoCF**, github.com/sukeesh/GoCF.
- o It is a Codeforces contest parser which downloads test cases and tests your solution locally and It has features such as adding custom test and is useful for easy debugging
 - o Used Python BeautifulSoup and Bash Script.
- Databases **Todo**, github.com/sukeesh/ToDo-unsolved.
- o Implemented a ToDo app which supports add, delete, modify task.
 - o Used PHP, SQL in the backend and Material design in frontend.
- Web Dev **Instant Search for last.fm**, github.com/sukeesh/Muzk.
- o Instantly searches in last.fm songs directory
 - o Used ReactJS, Last.fm API
- Web Dev **Instant Music Downloader**, github.com/sukeesh/Music-Downloader.
- o A web application which instantly lets you discover any music without knowing the exact title/artist of the song
 - o Used Youtube Data API and Javascript.

Skills & Interests

- General Database Scalability, Deep Learning, Algorithms, Data Structures
- Languages C/C++, Python and familiar with Javascript, PHP, Golang
- Tools Bash scripting, GNU Octave, Git, GDB, LaTeX
- Libraries Tensorflow, Keras, BeautifulSoup, NumPy, Scikit-Learn

Sport Programming

- Codeforces **sukeesh**, blue rated, 1611 max rating
- HackerRank **sukeesh**, 2042 max rating, 1 gold, 5 silver, 13 bronze medals
- csacademy **sukeesh**, 1563 max rating
- Others Codechef, **sukeesh96**. AtCoder.jp, **sukeesh**. SPOJ, **vsukeeshbabu**