Shekhar Prasad Rajak

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Education ———————

B.Tech Computer Science and Engineering, NIT Warangal | 2013-17

Skills ———————

Languages: Python, Ruby, C++, Java

DevOps: Docker, Git, SVN, Jenkins, Travis, AWS, Maven

Web Development: Angular 7, Node.js

Certifications:
• Full Stack Developer[Angular, Node.js] - StackRoute
• Google Summer of Code Student Developer 2016 (SymPy) & 2017 (SciRuby)

Extra-Curricular —

• Member of Web and Software Development Cell (WSDC) NIT Warangal 2015-16

• Rated Chess player in chess.com

• Winner of Vedic Mathematics competition(district level) during school days.

• ISKCON (international Society for Krishna Consciousness) attended 3 sessions in Pune, Chennai, Mangalore.

• Training at NIT Surathkal on Web development - 2014 Summer

• Love watching about Ancient Civilization, Indian History, Sci-fi films.

Conferences ————

• PyCon India'17 - Workshop on SymPy and SymEngine

• RubyConf India'18 - Lightening talk on SciRuby/daru-view library

Work Experience and Internships

Since Dec'18 — Software Developer — Modak Analytics, Hyderabad
Working on a system for optimal and fast genomic data analysis and fast data processing using GPU and NVIDIA CUDA libraries. Explored Computer Vision research area.

2017-18 — Software Engineer — CGI Group India, Bengaluru
- Designed & built web application using Angular, Node.js and deployed.
- Worked on Continuous Deployment Dashboard Project using Spring boot, Angular 4 from scratch to deploy.
- Worked with ML team for creating recommendation system(offer/subscription recommendation) for customers of Bell.

Summer'17 — Google Summer of Code — SciRuby
Designed and built a Ruby library called daru-view *Data Visualization in Ruby* using powerful javascript library - GoogleCharts, HighCharts, DataTables, D3.js from scratch. GSoC 2017 - report

Summer'16 — Google Summer of Code — SymPy
Worked on Solvers module of SymPy *Python library for symbolic mathematics*. Worked on SymPy solvers module- mostly solveset with 55+ PRs, *which ensure the all the solutions of equations and system of equations*. GSoC 2016 - report

Open Source Projects and Contributions

Summer'19,18 — GSoC Admin, Mentor and Contributor — SciRuby, SymPy, CloudCV
Organization admin for SciRuby, responsible for GSoC 2019 SciRuby application, Student application review and mentored the students selected under SciRuby, SymPy - Solvers, Cloud-CV - EvalAI Angular Application.

2019 — Contributor — NumPy/SciPy
Part of Season of Docs 2019 - NumPy/SciPy and build, restructure NumPy docs as discussed in NEP: numpy.org website redesign.

Since Jan'17 — Maintainer-SciRuby repository — SciRuby
GSoC 2019 Admin for Ruby Science foundation and maintaining SciRuby repository - daru *Data Analysis in Ruby*, daru-view *Data Visualization in Ruby* gem.

Jan-Feb'17 — Contributor — Bundler
4 Patches(PRs) in Bundler github repository. Worked on bundle inject command and plugin uninstallation.

Since 2015 — Active in Github and used to commit often in Open Source projects
All the open source projects and my commits can be found in github/Shekharrajak/repos • Blog post designed and built using Jekyll • Github Repo Manager: Angular 4 App using Github API • Few Open Source Projects, that I started in Github

Achievements

2012 — Board topper - Class 12th
Chhattisgarh Board of Secondary Education (*CGBSE*) 2012 topper. Recieved GOLD Medal for Mathematics stream topper and overall topper in class 12th.

2012-2017 — Scholorships
Scholarship by Education minister Chhattisgarh to top 10 students and by Chhattisgarh Government during UnderGraduate program(2013-17)

2010 — In top 15 students list - Class 10th
Chhattisgarh Board of Secondary Education (*CGBSE*) 2010