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 Sept'19 Software Engineer — Apple, Hyderabad
Joined the TechOps team, handling multiple internal and external projects.

Dec'18-Jul'19 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.

2017-18 Software Engineer — CGI Group India, Bengaluru
- Designed & built web application called Promotion Automation system using Angular, Node.js and deployed.
- Worked on Continuous Deployment Dashboard Project using Spring boot, Angular 4 from scratch to deploy.

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