Shekhar Prasad Rajak

✉ shekharrajak@live.com

☎ +91-8142478937

🌐 https://shekharrajak.github.io/

⌨ @Shekharrajak

Education ─────────

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

Skills ──────────

Languages: Python, Ruby, C++, Java

DevOps: Docker, Git, Splunk, Jenkins, Travis, Ansible, Kubernetes

Web Development: Angular 8, Node.js, Spring Boot, Netty

Certifications:
• Full Stack Developer - StackRoute

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

• ApacheCon North America'20 - Running ML algorithms with ML tools available in Apache Ecosystem • Cluster Management in Apache Ecosystem Kubernetes

Work Experience and Internships

Sept'19	Software Engineer	Apple, Hyderabad

Part of IdMS team, who is responsible for authentication, authorization of corporate and customer users.

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