Shekhar Prasad Rajak

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Education

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

Skills

Languages: Ruby, Python, Cpp, C, java

AI-Machine Learning tools : Scikit-learn, Keras, mlpack

WebDev : HTML, CSS, Angular 7, Node.js, Spring boot web application

Other: Git, SVN, Docker, Jenkins, Travis, Kafka message bus

Certifications:
• Full Stack Developer - 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 data processing.

2017-18 — Software Engineer — CGI Group India, Bengaluru
- Designed & built web application using Angular 4, NodeJS, MYSQL.
- Worked on product called Continuous Deployment Dashboard during training program using Spring boot, Angular 4.

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. 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, *which ensure the all the solutions of equations and system of equations*. GSoC 2016 - report

Open Source Projects and Contributions

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

Summer'18 — GSoC Mentor — SciRuby, Python-Hydrus
Mentored projects in GSoC'18 under SciRuby daru-view project, Python-Hydrus.

Since Jan'17 — Active contributor and 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 bunlder 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 where I used PHP-Codeigniter, Django-Python, NoSQL databases, meteor js, Angular, Node.js
• Blog post designed and built using Jekyll • Personal site • Github Repo Manager: Angular 4 App using Github API

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