

🔗 GitHub Projects

- **prat0318/json_resume** » Details at <http://jsonresu.me>
 - Ruby library to generate resume from JSON to HTML, pdf, md, tex formats.
 - Around 1K stars on Github. Front page of Hacker News
 - Current resume has been generated using json_resume.
- **prat0318/2048-tetris** » Live at 2048-tetris.com
 - Wrote a Tetris variant of 2048 game, 1M+ unique visits
 - Front page of Hacker News(~150 pts), mentioned in TechCrunch.
- **prat0318/gitator** » Live at Gitator.com
 - Finds relevant repositories based on an user's GitHub profile.
 - Written in Ruby on Sinatra and uses Github's Octokit gem

🛠 Technical Skills

- Programming Languages: Ruby Python Java C++ Javascript
- Web Frameworks: Sinatra Django Rails Apache nginx
- Databases: MySQL PostgreSQL IBM Informix IBM DB2

🎓 Education

Degree	Major	Institution	Graduation Year	GPA
Master of Science	Computer Science	University of Texas at Austin	2015	3.55/4
Bachelor of Technology (Hons.)	Computer Science	Indian Insitute of Technology, Kharagpur (IN)	2009	8.91/10

🏆 Academic Achievements

- Was among the top 5% in the institute merit list of the undergraduate batch at IIT Kharagpur.
- Secured 383rd Rank in IIT-JEE 2005, an exam conducted by Indian Institute of Technology(s).

💼 Professional Experience

- Software Engineer Intern, Yelp, Inc., San Francisco (May, 2014 – Aug, 2014)
 - Wrote a Python package <http://github.com/Yelp/swagger-py> to build dynamic client library for a service.
 - It reads the **swagger schema** to get the service specifications.
 - The package is currently being used in Yelp's production environment.
 - Technologies got to work on: Python Swagger v1.2 twisted
- Graduate Research Assistant, CTR, UT Austin (Sept. 2013 – Jan. 2014)
 - Developed a common web interface <http://unitydatabase.com> to search through different datasets.
 - Technologies got to work on: Python Django South PostgreSQL
- Software Development Engineer, Flipkart, India (Jun. 2011 – Jul. 2013)
 - Wrote a ruby gem *Morsel* to traverse through active record trees to purge old records. It helped in limiting the production database size and keeping the data clean.

- Was part of the Supply chain team which remodelled and built a new one from scratch. It now scales to around 10X compared to the older system.

◦ Technologies got to work on: `Ruby` `Java` `Pig` `Active Records` `MySQL`

■ Software Engineer, IBM Software Labs, India (Jul. 2009 – Jun. 2011)

- Handled high priority issues for JDBC client driver for IBM Informix database.
- Was awarded Smart CADian award for resolving an obscure deadlock situation, making Informix JDBC driver more robust.
- Technologies got to work on: `Java` `IBM Informix` `IBM DB2`

⚙ Other Personal Projects

- Designed product *Omerta*, a multi-user chat room application in j2me using Sun Wireless Toolkit platform.
 - Was awarded 1st position for the product in **Envision**, Product Innovation Contest, IIT KGP.
 - Was awarded 1st position for the product in Javawise, J2ME s/w Development Contest at IIT Kharagpur, 2008 and 2009 continuously.

🏛 Graduate Courses Taken

Distributed Computing	Advanced Operating Systems
Multicore Programming	Engineering Programming Language

✍ Research Experience

- Undergraduate project, Sanyog Lab, IIT Kharagpur (Jul. 2008 – May 2009)
 - Designing and Formal modelling of embedded systems for project Sanyog.
 - Skills Developed: Low level system design, theorem verification using Prolog and Coq
- Summer Intern, Network Systems Lab, IIT Kharagpur (May 2008 – Jun. 2008)
 - Design and simulation of currently published Pull-based Freshness Schemes in C++.

🎵 Extra Curricular Awards

- Was awarded 2nd position in Bionetics, Coding Event, Genesis 09 at IIT Kharagpur.
- Microsoft Student Partner of IIT Kharagpur from the period July 08 – June 09.