

# Sajin M Prasad

## Resume

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### Technical skills

<b>Languages</b>	Ruby, Shell Script, JavaScript, Python, HTML/CSS/Haml/SaSS, Liquid	<b>Frameworks</b>	Ruby on Rails, jQuery, Jekyll, Bootstrap, Express, React Native
<b>DevOps</b>	AWS, Docker, Heroku, DigitalOcean	<b>Software Packages</b>	PostgreSQL, MySQL, MongoDB, L <sup>A</sup> T <sub>E</sub> X, ElasticSearch

### Work Experience and Positions

- May 2021 – Present **Lead Backend Engineer**, *The Mobility Methods LLC*, Remote/California, <https://jen.health>  
Lead of the team. Designed and built the flagship product Jen Health while taking care of its DevOps and scalability.
- Designed and implemented the entire back-end and internal management platform.
  - Setup the entire video streaming infrastructure.
  - Setup CMS and facilitated migration from old podcasts and blogs.
  - Built solutions for search, history and tracking playback.
- May 2019 – Apr 2021 **Senior Engineer**, *Commutatus*, Remote/Chennai, <https://commutatus.com>  
Designed and implemented solutions for various clients of Commutatus. Notable work -
- **AIESEC** – <https://aiesec.org>
    - Switched application to serverless AWS Fargate and database to AWS Aurora.
    - Added test coverage and improved CI/CD pipeline.
    - Migrated the application to jruby and grape APIs to graphql.
    - Upgraded elasticsearch and docker. Upgraded graphql to class based API.
    - Tuned the application performance and reduced database size by 20%.
  - **MentorMind** – <https://mentormind.in>
    - Improved the application performance and code structure.
    - Improved CI/CD pipeline along with the monitoring solution.
- Aug 2017 – Mar 2019 **Senior Engineer**, *TongueStun Food Network Pvt. Ltd. (Acquired by Zomato)*, Bangalore, <https://tonguestun.com>  
Designed and implemented solutions for flagship product e2z (now Food@Work). Developed and built other supporting services which form the e2z ecosystem.
- **E2z (now Food@work)** – <https://play.google.com/apps?id=com.tonguestun.order>
    - Migrated from monolith to micro-services.
    - Brainstormed and built offline ordering to handle slow/no network connectivity.
    - Setup a service for on-demand and automated report generation.
    - Built a fraud detection system.
    - Implemented a complete tech support solution for the customer support team.
    - Contributed to the automated vendor payout solution (Finance dashboard/service).

- Nov 2016 – **Tech Lead**, *foOfys Solutions*, Bangalore, <https://foofys.com>  
 Jul 2017 Headed the tech team. Designed and built solutions and managed projects for various clients of foOfys.
- Mar 2016 – **Senior Developer**, *foOfys Solutions*, Bangalore, <https://foofys.com>  
 Oct 2016 Designed and built solutions for projects from various clients of foOfys.
- Jul 2015 – **Software Developer**, *Chergo E-Commerce Pvt. Ltd.*, Bangalore,  
 Jan 2016 <https://coursemantra.com>  
 Designed and implemented solutions for the flagship product CourseMantra.
- Mar 2012 – **Application Tester**, *Bang The Table*, Remote/Part-time, <https://bangthetable.com>  
 Dec 2012 Worked with the QA team and made sure that the applications developed by Bang The Table work properly in as many browser/operating system permutations as possible.

## Open Source Contributions

- **Spotlight Search** – <https://github.com/commutatus/spotlight-search>  
 Ruby gem that helps in filtering, sorting and exporting tables easier.
- **Vimeo Upload** – [https://rubygems.org/gems/vimeo\\_upload](https://rubygems.org/gems/vimeo_upload)  
 Ruby gem for uploading video to vimeo.

## Pet/Freelance Projects

- **HolyMatha Academy App** – <https://play.google.com/apps?id=com.holymathamobileapp>  
 (Terminated)  
 Built an app for students of an academy to play the video recordings during the time of Covid-19.
- **Nerdzz** – <https://nerdzz.in> (Terminated)  
 Founded Nerdzz to help students in campus learn the skills which would make them job ready, thereby solving the problem of finding new talent for the firm during the time.
- **GoodDay - Spread a smile campaign** – <https://britannia.herokuapp.com> (Terminated)  
 One-page website that posts to twitter, built during the spread a smile campaign by Britannia.
- **Endrrat** – <https://endrrat.ae>  
 One-page website for a toner company.

## Achievements

- Feb 2014 **C Coding**, *Naipunya Institute of Management and Information Technology*, Thrissur  
 Won second prize in national level C coding competition conducted as a part of Laqshya tech fest.
- Feb 2012 **Shell Scripting Contest - Scriptaculous**, *TKM College of Engineering*, Kollam  
 Won first prize in national level Shell scripting competition conducted as a part of Conjura tech fest.

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## Talks and Workshops

- Jun 2019 **Why side projects fail?**, *Commutatus*, Chennai  
Gave a talk on why side projects fail.
- May 2016 **Why side projects fail?**, *foOfys Solutions*, Bangalore  
Gave a talk on why side projects fail.
- Aug 2014 **Git Version Control System**, *Palakkad Institue of Science and Technology*, Palakkad  
Led an introductory workshop on Git version control system for final year students.