

# 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.

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## Education

- Bachelor's degree in Computer Science and Engineering

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## 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.

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## 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.

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## 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.