

Sajin M Prasad

Resume

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Technical skills

Languages	Ruby, Shell Script, JavaScript, Python, HTML/CSS/Haml/SaSS, Liquid	Frameworks	Ruby on Rails, jQuery, Jekyll, Bootstrap, Express, React Native
DevOps	AWS, Docker, Heroku, DigitalOcean	Software Packages	PostgreSQL, MySQL, MongoDB, L ^A T _E 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 – **Senior Engineer**, *TongueStun Food Network Pvt. Ltd.* (Acquired by Zomato),
Mar 2019 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.

Education

- Bachelor's degree in Computer Science and Engineering

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
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.

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.