Sajin M Prasad

Resume

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Summary

○ 10+ years of total experience in architecting, developing, testing and scaling of web applications.

○ 9+ years of experience in application development with ruby.

○ 7 years of experience in development and design of micro-services systems in ruby on rails.

○ 8 years of experience in AWS (Amazon Web Services) which includes EC2, ELB, ECS, ECS Fargate, IAM, CloudWatch, SNS, SES, MediaConvert, Api Gateway, CloudFront, Lambda, Lambda@edge, ElasticCache, ElasticSearch, RDS, Aurora, Route53.

○ 7 years of experience in Docker.

○ Experienced in MySql, PostgresQL, MongoDB and SQLite

○ Experienced in moving a monolithic application into microservices.

○ Experience with database migrations.

○ Extensive experience in linux and bash.

○ Implemented CI/CD and implemented TDD in multiple applications.

○ Built multiple applications from scratch to market and scale.

○ Experienced in leading teams and mentoring.

Technical skills

Languages	Ruby, Bash, JavaScript, Python, HTML/CSS/Haml/SaSS, Liquid	**Frameworks**	Ruby on Rails, jQuery, Jekyll, Bootstrap, Express.js
Databases	PostgreSQL, MySQL, MongoDB, SQLite	**Cloud Providers**	AWS, GCP, Heroku, DigitalOcean
DevOps	Docker, Github Actions, TravisCI CircleCI, AWS Cloudformation	**Other Tools**	ElasticSearch, Jira/Confluence, LaTeX

Work Experience and Positions

May 2021 – July 2024

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.

- Collaborating and working with business stake holders, service providers and the development team.
- Architecture decisions for the entire platform.
- Single handedly managed the development of the backend of the product.
- Designed and managed the infrastructure for the entire platform.
- Monitoring and ensuring security and performance of the platform.
- Building internal software systems.

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.
  - Increased the application performance by 15% and reduced database size by 20%.
  - Implemented alerting systems and improved the monitoring setup.

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 –
Jul 2017
Tech Lead, *foOfys Solutions*, Bangalore, https://foofys.com
Headed the tech team. Designed and built solutions and managed projects for various clients of foOfys.

Mar 2016 –
Oct 2016
Senior Developer, *foOfys Solutions*, Bangalore, https://foofys.com
Designed and built solutions for projects from various clients of foOfys.

Jul 2015 –
Jan 2016
Software Developer, *Chergo E-Commerce Pvt. Ltd.*, Bangalore, https://coursemantra.com
Designed and implemented solutions for the flagship product CourseMantra.

Mar 2012 –
Dec 2012
Application Tester, *Bang The Table*, Remote/Part-time, https://bangthetable.com
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.

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.

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.