

- **Systems Engineer (SRE III)** DotDash (about.com), New York City Apr 2021 - Present
 - Reducing AWS cost by migrating EC2 workloads to spot. (\$30k per month)
 - Migrating self managed KOPS K8s and ECS workloads to EKS.
 - Dockerizing and migrating applications/services running barebones on EC2 to EKS.
 - Architecting and assisting designing a break-glass tool to be used in outages.
 - Deployed service mesh to obfuscate complex networking for containerized applications
 - Part-time engineer loaned to the multi-cloud and multi-CDN team.
- **Site Reliability Engineer II** CB Insights, New York City Sept 2019 - Mar 2021
 - Achieved 90% application-level observability on all services with dashboards, metrics, tracing, logging.
 - Attained 100% service-level visibility on all micro-services via metricbeat + elastic-search.
 - Saved \$15,000 / per year by shutting down unneeded services and infrastructure.
 - Saved 1520 hours / per year of work-time for engineers by building an internal serverless tool.
 - Collaborated with frontend team to reduce build time for central service from 60 minutes to 10 minutes.
 - Spearheaded enhanced visibility for RDS, Aurora and envoy service mesh routing.
 - Implemented distributed tracing across all micro-services to swiftly debug failures.
 - Standardized procedures for the engineering department to attain visibility on their applications.
 - Formalized the incident management and response system with opsgenie.
 - Solved potential problems to avoid becoming active problems.
 - Terraform, Nomad, Consul, Gitlab CI, Docker, Golang, Datadog, Elastic-search.
- **DevOps Engineer, Intern** Rubenstein Tech, New York City Mar - Aug 2019
 - Deployed a new ELK clusters for increasing reliability & search/query response time handling logs from 400 servers from all 3 environments.
 - Devised a centralized cron logging mechanism on servers for better visibility on their executions.
 - Automated generation of nagios alerts for all projects using ansible.
 - Ansible, ELK Stack, Nagios, Bash/Shell.
- **Site Reliability Engineer, Intern** MeetUp, New York City Jun - Aug 2018
 - Learned about improving, monitoring & testing infrastructure.
 - Designed a project to automate alerting of failed pipelines to teams (lambda + pagerduty)

Achievements

- MIT – Hack Medicine Nov | 2018
- Stanford University – Health++ Nov | 2018
- ICIMS Hackathon – Bell Labs **(W)** Oct | 2018
- HealthTech Hackathon 2018 **(W)** Oct | 2018
- John Hopkins University Hackathon Sept | 2018
- Social Good Hackathon **(W)** Aug | 2018
- Princeton University Hackathon (Best Hack for Social Good) **(W)** April | 2018
- New York University Global Hackathon (Assistive Technology) **(W)** Mar | 2018
- Stony Brook IOT Hackathon **(W)** Feb | 2018
- CTF Hacking Competition at Stony Brook **(W)** Feb | 2018
- Altice USA and Infosys Innovation Hackathon **(W)** Nov | 2017
- New Jersey Institute of Technology Hackathon (Hack NJIT) Nov | 2017
- Boston University Hackathon (Boston Hacks) Oct | 2017

Education

Stevens Institute of Technology	- Master's CyberSecurity	Aug 17 - Dec 18
University of Mumbai	- Bachelor's Computer Engineering	Aug 12 - May 16

Projects and OS

- Creator: Codenza codenza.app - Dec 2016 - Present (4,70,000+ Downloads)
- Portfolio/Blog: divyendra.com (For additional info and projects)
- SRE Blogposts: medium.com/cbi-engineering
- Hackathon projects: devpost.com/DivyendraPatil
- Open-source: github.com/divyendrapatil

Unconventional Skills

- Options Trading / Technical and Fundamental Analysis
- Plumbing, Mechanic (Repairing pipes / appliances / computers)
- Running PB (Mile - 7:12, 5k - 24:16, 10k - 50:40)
- Swimming (WIP)
- Scuba Diving Certified (WIP)
- EMT Trained & Certified (WIP)

Favorite Books:

- Fundamentals of Astrodynamics - Bate, Mueller, and White
- Ignition - John D. Clark
- Rocket Propulsion Elements - Sutton and Biblarz
- Elements of Propulsion - Mattingly and Boyer
- Design of Liquid-Propellant Rocket Engines - Huzel and Huang
- Guide to Space Launch Systems - Iskovitz, Hopkins and Hopkins Jr.

Passion

- Human space exploration.
- Self-prototyping efficient rocket design and propellant systems.
- Actively training & aiming for Astronaut Candidacy @ NASA - 2032
- Documenting entire journey @ <https://astronautjourney.com>