

ROHIT GOHRI

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EDUCATION

Netaji Subhas Institute of Technology, University of Delhi Delhi, IN
B.E. in Computer Engineering, CGPA: 7.35 Aug. 2013 - Jun. 2017

Faith Academy, C.B.S.E. Delhi, IN
AISSCE, Percentage: 92.2% Apr. 2011 - Apr. 2013

SKILLS

Languages & Frameworks	Javascript, Typescript, NodeJS, GraphQL, VueJS, ReactJS, jQuery, Mocha, Jest, C++
Software & Tools	PM2, Nginx, Gitlab, Ansible, MongoDB, Redis, PostgreSQL, ELK, Grafana, Docker
Other	Linux, Bash, SSH, AWS, Git, LaTeX, Postman, Adobe Photoshop & InDesign

WORK EXPERIENCE

Collegedunia Web Pvt. Ltd. Gurugram, IN
Sr. Software Developer Nov. 2019 - Present

- Team Lead for a multi-tenant fullstack application, using NodeJS, MongoDB, and React
- Setup **CI/CD** for various projects using **Gitlab** and Netlify, leading company wide adoption
- Automated the project's **AWS** infrastructure and deploys with **Ansible**, PM2, and Gitlab
- Making common tooling for use across projects, including for PM2, Postman, Release Management
- Integrating various services: Queues (SQS), Load Balancer (ALB), Logging (ELK), Metrics (InfluxDB)

Smartprix Web Pvt. Ltd. Noida, IN
Software Developer Sept. 2017 - Oct. 2019

- Led a team to make website ready for US launch, worked on VueJS admin, **NodeJS** backend, and GraphQL API
- Built an email library using NodeJS, Mailgun, and **Redis** backed queue workers
- Responsible for production **deployments** with PM2 and infrastructure configuration with **Ansible**
- Generated dynamic popularity factor for products through **ElasticSearch** queries on visitor data
- Enabled static type checking of projects by adding **Typescript** type definitions to existing NodeJS modules
- Built automated **CI pipelines** to increase coverage by **26%** and run integration tests across repositories
- Deployed a logging & monitoring environment (EFK, InfluxDB, Grafana) which gathers logs, visits & system data

PROJECTS

Open Source Contributions May. 2019 - Present

- **form-data-polyfill**: Fixed a bug that broke form submissions when using with *Blob.js* polyfill on IE9
- **danger-js**: Added a feature to customize pull request messages with different emojis ❤
- **web-push**: Fixed a bug where old Google push endpoints stopped working after migrating to Firebase

Innovision Website, NSIT Jan. 2016 - Mar. 2016

- Led a team to design and develop the website for NSIT's Tech Fest using **NodeJS**, MongoDB, and MaterializeCSS
- Worked on user & event management, social login, **email campaigns**, and deployments
- The site was deployed on Digital Ocean and had a traffic of over **65K** views and 5K signups

Adaptive Traffic Light Control Using Reinforcement Learning (RL), NSIT Jan. 2017 - Jun. 2017

- Ran a study comparing different methods to reduce traffic in a traffic simulator (SUMO)
- Automated vehicle generation and traffic light control in SUMO using **Python**
- Used RL to calculate the next traffic light phase using current conditions while minimizing wait time

EXTRA-CURRICULAR

The Alliance - NSIT's Newspaper Feb. 2014 - Jun. 2017

- Designed 8 editions and successfully oversaw the launch of 5 editions as the **Managing Editor**
- Revamped the Wordpress website to include an archive of old articles and kick-start a blog