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, MarkoJS, jQuery, Mocha, Jest, C++
Software & Tools	PM2, Nginx, Redis, PostgreSQL, Ansible, ElasticStack(ELK), Grafana, Docker
Other	Linux, Bash, SSH, Git, LaTeX, Adobe Photoshop & InDesign

WORK EXPERIENCE

Smartprix.com   Noida, IN
Software Developer   *Sept. 2017 - Present*
· Led a team to make website ready for US launch, working 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**
· Developed a script around Wal-E to take continuos backups of **PostgreSQL** DB and save weekly backups to GCS
· 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 (ELK, InfluxDB) which gathers log, visit & system data
· Setup **Kibana & Grafana** and made dashboards to monitor and visualize various metrics, and set alerts
· Migrated legacy jQuery code to a modern **Webpack** build system, fixing IE9 support
· Improved a **GraphQL** schema and query builder to support extending interfaces and global fragments
· Converted a Mocha test suite to use Snapshot testing allowing new features to be added more easily

WooBus.in   Bengaluru, IN
Software Devlopment Internship   *Dec. 2015 - Jan. 2016*
· Setup audit reporting **REST** API routes for submitting data and sending email alerts
· Created corresponding Android App that generates dynamic forms according to API
· Improved a Cordova App that works with a **RaspberryPi** to provide offline experiences during bus journeys

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 NSITs 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, *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-CURRUCULAR

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