# Vipul Vyas

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## EXPERIENCE

**Blogger | Self employee**                                                     Feb. 2021 – Present
*Creator (@Hasky)*

- Writing on new Technologies and security for today's technologies.
- Some of them are **Redis (caching), Docker, Authentication, Authorisation, web security, secure development**
- Main goal is to learn from community and help to community.
- Medium

**SmartServ**                                                                   July 2021 – Present
*Software design Engineer I*                                                     Pune, India

- **Full stack development** of smartserv platform.
- Added many **security related bug fixes and revenue generate** feature building.
- Taking end to end ownership of project.
- **Live Location Tracking and Analytic**, Reports Database Design and Flow correction, Lead generation module **integration with Zapier**.
- **Billing Calculation Centralization:** Refactored the entire logic for invoice calculations, in order to comply with the tax calculations for various countries. Developed this module as separate node module that can be used across the Web, Android and IOS platform ensuring 100% uniformity in calculations across the platform.
- **Part of Growth team.**

**SmartServ**                                                                   Jan. 2021 – July 2021
*Software Engineer Intern*                                                       Pune, India

- **Full stack development** of smartserv platform.
- Refactoring of smartserv platform and created new feature.

## PROJECTS

**Live Tracking | React.js + Node.js**

- Live tracking of technicians with the help of google map APIs
- Designed a **Live Tracking and Automatic SMS** for HVAC companies
- Used AWS, API Gatway to SQS and SQS to lambda trigger

**Hasky Spot | Python**

- Designed and developed vulnerability testing command line tool.
- Features: Information gathering, Scanning network, Social engineering, Network sniffing, Denial of service (DOS/DDOS) attack.
- Github

**Notion (Idea sharing) | MEAN (TypeScript)**

- Designed Blogging system and development.
- Features: Share Idea with other people, follow to other person, create Blog with upload Image and content with responsive UI. Admin role has privileged like delete any post, Admin can send message or do announcement and all user can see on home page.
- Github

**Train Ticket Reservation System | [Python + MongoDB | PHP + MySql]**

- Online train ticket reservation system has feature like Search train, train ticket Booking, Cancel ticket, PNR status. And, Admin role with this role can add train or cancel train
- GitHub

## Training & Certification

**Ethical Hacking Training and Certification**

- 3 Month Training and completion certificate of Ethical Hacking from Red & White Institute surat.

## EDUCATION

**Dharmsinh desai University (DDIT)**                                    Jun. 2017 – May 2021

*BTech in Computer Engineering, **CGPA : 8.1***                        Nadiad, Gujrat, India

- **Coursework**: Data Structures, Algorithms, Databases, Computer Systems, Networking, Machine Learning

## SKILLS

**Languages** : JavaScript, Python, HTML/CSS, Java, C
**DB Services** : MySQL, MongoDB
**Tools** : Jira, Github, Slack, VS code, Postman
**Other** : System Design, Database design, Debugging, Googling, AWS (S3, API Gateway, SQS, Lambda), Automation, CICD