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.
- **Live Location Tracking and Analytic.** Track end user location on their Iphone. Iphone send location in form of latitude and longitude, Using lambda fetch location and using websocket fetch that details and send to database for historical data. also used that data for map analytics.
- **Reports Database Design and Flow correction.** converted reports normalized database into flatten tables to reduce joins in tables. And show reports details into front-end with pagination.
- Lead generation module **integration with Zapier**. In this project end user can do apply for service from third party application like facebook, instagram and many more using different types of format like google form, or custom form.
- **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.** In this we are doing project which are helps in revenue generation.

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

- **Full stack development** of smartserv platform.
- Project: Online Web Booking, Solve the problem to save time for office users and easy management. End to End responsibility for refactoring an existing feature. Database design from scratch (MySQL MongoDB), Created new backend and API in node js and express, worked with handlebars for creating email templates, worked with react for frontend and angular for creating an end-user panel which opens in Iframe at client-side and deployment of the static website on amazon s3 and for backend deployment.

OPEN SOURCE

Different time zone issue | node package

- **adjust-timezone**
- **adjust-timezone** is for adjust date time while sending and receiving date time in different time zone
- Trying to add **adjust-timezone** into moment and date-fns.
- Reason, why need it?

PROJECTS

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

Achievements & Certifications

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

Spotlight Winner
- I achieved first organized Spotlight winner at smartserv on engineering team.

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
Frameworks : React.js, Django
Tools : Jira, Github, Bit Bucket, Slack, VS code, Postman
Other : System Design, Database design, Debugging, Googling, AWS (VPC, S3, API Gateway, SQS, Lambda), Automation, Networking