ISHAN SINGH GILL

Software Engineer at LuxPM

Faridabad, Haryana, India | +91 9717044193 | isgill146@gmail.com

EDUCATION

B.Tech in Applied Petroleum Engineering
University of Petroleum & Energy Studies, Dehradun
May 2019

SKILLS

- Database Management (MySQL, MongoDB, PostgreSQL)
- Node.js framework, NPM
- AWS EC2, Route 53, S3 Bucket
- WebRTC & Rtmp
- WebSockets
- Angular 2+
- GIT Version Control System
- Nginx web server
- SSL certificate management
- Agile Methodologies
- JWT
- Twilio
- OKTA
- STUN & TURN Server
- Firebase

CERTIFICATIONS

- **Learn JavaScript |** *Codecademy*
- **Learn Nodejs |** *Codecademy*
- **Learn SQL |** *Codecademy*

INTERNSHIP EXPERIENCE

Indraprastha Gas Limited | New Delhi, India (June - July 2018)
Worked on CNG station layout and pipeline pressure analysis; and stored readings in database and built a web application to automate the process, to analyze and predict pressure drop.

PROFESSIONAL SUMMARY

Software Engineer with 2+ years of working experience in full stack development and end-to-end project management. Knowledge working across multiple industries such as oil & gas, electronics, and consumer products.

PROFESSIONAL EXPERIENCE

Software Engineer at LuxPM |
New Delhi, India (May 2021 – Current)

- Led the creation of a Yoga platform for a South Korean wellness company. Built a web and mobile application, and integrated Twilio webRTC for redirecting users to live sessions
- Originated in-house video conferencing platform (webRTC) through creation of TURN and STUN servers. Implemented graphical user interfaces for platform admins to analyze and look into insights, system usages and meeting trends using google -charts
- Worked with Nodejs and Angular to build a web dashboard and voucher platform for a top tier consulting firm, and integrated Okta for user authentication and authorization. Automated dashboard for distribution of vouchers reducing manual efforts by 80%
- Backend lead in the development of an e-commerce mobile application, consisting of recommendation algorithms for products, for a South Korean company. User-friendly application enabling future of fast fashion

Software Developer at Auquall Inventive Services |
Gurugram, India (August 2020 - April 2021)

- Developed performance-driven and user-centric websites that met business requirements, and managed milestones from initial steps through final delivery
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements for client meetings
- Created and implemented database designs and data models

Graduate Engineering Trainee at IRM Energy Pvt. Ltd |
Punjab, India (July 2019 - July 2020)

- Ensured error-free, safe, and seamless working of the CNG station through preparation of preventive and predictive maintenance schedules for station's assets (dispensers, compressors, and electrical panel)
- Created centralized database to store equipment performance and migrated data from legacy excel spreadsheets into database. Generated monthly reports using SQL queries and automated this process to send out system generated reports using CRON jobs
- Developed analytical web application to analyze compressor parameters such as pressure and temperature readings, gas detections, vibrations, rpm, gas loss and other variables