

Pushpendra Sapkale

Software Engineer (Full-Stack)

Passionate Full Stack Developer with 3+ years of experience in building robust, user-centric web applications. Expertise in JavaScript, frontend, and backend technologies, with a strong focus on delivering clean, efficient, and scalable code. Experienced in system observability, deployment through CI/CD pipelines, and managing on-call alerts to ensure continuous system performance and reliability

Work Experience

Turvo India Pvt Ltd



Angular 18, Bootstrap, Typescript, NodeJS, ExpressJS, MySQL, MongoDB, Redis, Jenkins, Python Scripts, Jenkins, Docker, Dynatrace

March 2024 - Present

- Developed and integrated front-end and back-end authentication solutions with SSO (Single Sign-On), API services for seamless login and user management.
- Contributed to the development of the admin panel, facilitating control over user activities and permissions, defining what users can and cannot do within the system used Redis for storing user's permissions and meta data
- Developed & deployed an alerting system that retrieves data from Dynatrace and Elastic search, sending essential notifications to Slack for any issues. This system provides critical support to the SRE team and is scheduled on Jenkins
- Developed a Python script for automation testing, deployed on Jenkins with a scheduler, significantly reducing testers efforts and improving testing efficiency
- Wrote a python script for creating and off boarding tableau sites
- Set up Dynatrace Business Events to monitor user behavior. This invaluable data provides the product team with insights for strategic planning

Engineer Philosophy Web Services Pvt Ltd



Angular 8, Bootstrap, Typescript, NodeJS, ExpressJS, MySQL, AG-Grid, Angular-Material, MapboxJS, TurfJS

Dec 2021 - Dec 2023

- System design of new module named Sales Advisory from scratch
- Developed a reusable standalone data analytics component with Ag-Grid to display tabular data, also it's design can be changed on the basis of params
- Created a reusable standalone chart component using Plotly.js, reducing development time and effort for creating charts.
- Developed a drag and drop feature using angular CDK drag-drop
- Implemented Single Sign-On (SSO) login integration using Salesforce and Google, enhancing user authentication and streamlining access.
- Developed an API authentication system using Redis to restrict users from accessing each other's APIs, ensuring security
- Migrated whole backend system from NodeJS v8 to v18 in Express JS
- Created a common responsive material stepper component on Angular
- Managed GeoJSON data state in the Map Maker module using services and RxJS observables, effectively minimizing redundant API calls
- Design UI on Angular also solved design issues of data table in GIS data module also made it resposive so user can see it on mobile devices as well
- Research on Turf.js library and developed a intersect polygon mode
- Developed a mouse hover effect on Mapbox Map to show custom messages

Educational Background

Master Of Computer Application (MCA)

Medi-Caps University, Indore (MP)

Aug 2019 - Aug 2021

- Specialization in web development

Languages

- Hindi (Fluent)
- English (Fluent)
- Marathi (Understandable)

Contact

<https://mainpushpendra.netlify.app>

X - [mainpushpendra](#)

Linkedin - [mainpushpendra](#)

Email - dev.psapkale@gmail.com

Phone - [+919977369753](tel:+919977369753)

Skills

Technical Skills

- | | |
|--------------|-----------------|
| • DSA | • Angular |
| • JavaScript | • Bootstrap |
| • TypeScript | • Git & Github |
| • NodeJS | • Jira |
| • ExpressJS | • AWS |
| • MySQL | • Ag-Grid |
| • MongoDB | • Docker |
| • RabbitMQ | • Jenkins CI/CD |
| • Redis | • Elastic |
| • RxJS | • Dynatrace |

Certification/Short Courses

- [NodeJS with Express, IBM](#)
- [Angular for Frontend, Codio](#)
- [Security Awareness Training](#)
- [DSA, Apna College](#)

Personal Projects

Authentication System



Angular 18, Bootstrap, Typescript, NodeJS, ExpressJS, MySQL, Redis

Practice Project For Learning

- Authentication using JWT access & refresh tokens
- SSO Login with google
- User role authorization using Redis and express middleware
- Socket.io for real time booking status tracking
- Used typescript for better and faster development in ExpressJS

Geojson Creator Tool



Angular, Bootstrap, Typescript, Mapbox, Turf.js

- Build it from scratch by myself
- Added media query for responsive design
- Used services with subjects for sending data to any component directly
- Deployed on firebase

Outside Achivements

- Played football on national level
- Won state football championship