Piyush Prasad

SENIOR SOFTWARE ENGINEER

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✉ **piyushdev994@gmail.com**

Skills

Programming	JavaScript, Java, Python, Typescript, Groovy
Front-end	React, Redux, D3, Echarts, jQuery, HTML, CSS, Bootstrap, Tailwind
Back-end	Spring Boot, Express, Node.js, Flask
Miscellaneous	PostgreSQL, MySQL, Webpack, Docker, Tomcat, Pytest, Babel, AWS EC2

Experience

TietoEVRY

SENIOR SOFTWARE ENGINEER

CBRE *Nov. 21 - Present*
- Developed facility management react application utilizing SOA/Microservices architecture.
- Implemented microfrontend architecture with React to modularize large-scale applications.
- Led the migration of application architecture from Redux to React-Query and Zustand.
- Collaborated directly with stakeholders to build technical solutions for business cases.
- Implemented Sonarqube guidelines for application to resolve cognitive complexities and code smells
- Developed end-to-end and Integration Tests with Cypress and Gherkins.

AllState
- Designed and developed microservices architecture using Spring Boot framework.
- Integrated Spring Boot applications with various databases such as MySQL, PostgreSQL, and MongoDB, optimizing data access and persistence.
- Utilized Spring Data JPA to simplify database operations and enhance data retrieval performance.
- Developed scalable web applications which renders realtime execution data for cloud instances.
- Engineered performance and virtualization pipelines for automated tests for various teams.
- Managed multiple application nodes with AWS EC2 and Cloudtrail.

Sasken Technologies

SOFTWARE ENGINEER

Kontron *Feb. 20 - Oct. 21*
- Developed a SAAS product to configure and publish customer fares in a mobility model.
- Developed a cross-platform React Native Passenger application used for customer transit.
- Designed Grafana Dashboards for monitoring Kafka streams and microservices.
- Developed a Validator application to scan QR codes and fare deduction based on pricing rules.
- Configured a Zendesk customer support widget with python for mobile application.
- Developed Integration Tests with Pytest and Flask for testing application modules
- Worked on payment gateway integration with Stripe and OIDC Authentication.
- Migrated Redux architecture to Redux Toolkit for Service Management Web UI application.
- Worked with Docker services and AWS EC2 for application deployment.
- Designed and implemented REST APIs with Flask for contract sales and tariff updation scenarios.

Altair Engineering

FULLSTACK DEVELOPER

Engineering Analytics   *Feb. 19 - Jan. 20*

- Developed reusable UI components with Material UI for a Batch scheduling application.
- Developed various data visualizations for enterprise workflow data.
- Implemented RESTful APIs and messaging queues (with Kafka) to enable seamless communication and integration between microservices.
- Revamped from the existing ZK application to React for Engineering Analytics.
- Developed Employee Skillset application with React and Python.
- Designed Flask web services to update user data in Postgresql DB.

QualiTest

SOFTWARE TESTER

MultiPlan   *Oct. 16 - Dec. 18*

- Web-Service testing with SOAP UI and Database testing with MongoDB.
- Developed Claim Entry Portal application for healthcare clients and providers.

Education

CMR Institute of Technology(VTU)

B.E. In Mech   *Jun. 2012 - Jul. 2016*

- Completed front-end module of Free Code Camp
- Completed Microsoft C# certification
- Completed ISTQB software testing certification