Tejesh Chauragade

Senior Software Engineer

Enthusiastic Software Engineer with 5 years of professional experience, eager to contribute to team success through hard work, attention to detail, and excellent engineering and organizational skills in modern technologies and innovations. Motivated to learn, grow and excel in the software industry.

Contact

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Skills

Python   TypeScript   node.js   Express.js

Django (DRF)   GraphQL   Flask   Next.js

Docker   Kubernetes   AWS   GIT   Azure

PostgreSQL   Redis   MongoDB

Microservices   REST   Data Structures

Apache Airflow   WebSockets

VSCode   Postman   Jira   Draw.io

Education

PG Diploma: Advance Computing
SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY, KARAD–PUNE
Feb 2018 - Aug 2018

Bachelor's Degree in CSE
PROF RAM MEGHE INSTITUTE OFTECHNOLOGY & RESEARCH, AMRAVATI
Jul 2013 - Oct 2017

Awards

- Above and Beyond, GS Lab (Jun 22)
- Best Ongoing Student: Sunbeam (Jul 18)
- 3x Module Topper: Sunbeam (Jul 18)

Projects

- GitTix: Exchange Tickets! (2022)
- RBAC System
- Stock Price Notifier: Cron Work
- Online Banking System (e-banking)

Professional Experience

Senior Software Engineer
Apr 2021 – Present
GREAT SOFTWARE LABORATORY (GS LAB), PUNE

Chameleon (IaaS) - Atlas Identity Product
- Developed serverless IAM (Identity and Access Management) APIs comprising user onboarding, authentication, MFA, and account recovery.
- Implemented custom IdP (Identity Provider) to integrate with IAM platforms like Auth0, Okta, etc.
- Followed agile and test-driven approach in the development process.
- Deployed solutions on client environments; set up CI-CD pipelines.
- Prepared comprehensive documents and writeups wherever necessary.
- Provided technical support during customers' rush hour periods.

Davies Group's Okta GAL Sync
- Developed backend CRUD APIs for contacts based on Okta triggers to update the GAL (Global Address List) for respective domains.
- Came up with a strategy to build and manage ExO (Exchange Online) connections across the application, which led to an overall performance boost 0f 70%.

A360 AI Platform - andromeda360.ai
- Designed and developed an in-app notifications module from scratch using Pub-Sub architecture.
- Implemented Authn over WebSocket connection to address security concerns.
- Optimized the performance and accuracy of database search queries significantly.
- Fixed open bugs and delivered on time with respect to priorities.
- Added unit tests to increase code coverage to 95%.

Demo Garage - Internal POC
- Developed a module (Python service) to dynamically create and schedule Apache Airflow DAGs (workflows) for execution based on provided JSON document; also it should be able to trigger the execution manually and remove it.

IAM with Red Hat SSO - Internal POC
- Worked on integration of an open-source SSO (Single Sign-On) platform to secure applications and services with customized JWT for authorization. Developed customized SPIs (Service Provider Interfaces) to support multiple features which weren't available out of the box.

Project Engineer (HPC Applications)
Sep 2018 - Apr 2021
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING C-DAC, PUNE

National Supercomputing Mission: NSM India - nsmindia.in
- Designed and developed secure, real-time, and near real-time APIs for C-Chakshu: Multicluster Monitoring and Management Platform
- Worked on centralized and site-specific Dashboard accessible from anywhere across CDAC's NKN (National Knowledge Network).
- Designed and developed a module to generate the 3D Model for the HPC System with integrated system alerts and information.
- Worked on the module to generate FAT Tree to represent the network Topology (InfiniBand) of the supercomputer
- Worked on CHReME: C-DAC HPC Resource Management Engine to add multiple new features and framework updates.
- Prepared comprehensive documentation for the usage and deployment of these HPC solutions.
- Deployed these solutions on Linux-based HPC systems remotely on various geo-locations across India, including IIT BHU, IITK, IITKGP, IISER Pune, etc.
- Handled HPC applications support for the clients from NABI, Mohali.

Completed in 2014