

Tejesh Chauragade

Senior Software Engineer

Results-driven Software Engineer and IAM Architect with extensive experience designing and implementing secure, scalable solutions for clients, with 7 years of professional experience, eager to contribute to team success through smart 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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📍 Pune, Maharashtra, IN

🌐 tejeshchauragade.me

Skills

Python TypeScript node.js Express.js

Django (DRF) GraphQL Flask Next.js

AWS Docker Terraform Ansible

PostgreSQL Redis MongoDB

Microservices REST Data Structures

IAM OIDC SAML WebSockets

Postman GIT 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
OF TECHNOLOGY & 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 Technology Consultant

Jan 2024 – Present

ERNST & YOUNG (EY), PUNE

- Designed and implemented an automated solution to migrate a full Single Sign-On (SSO) environment from Bare Metal as a Service (BMaaS) to AWS Cloud, ensuring high availability, scalability, and security while minimizing manual efforts.
- Developed a secure, self-service MFA management solution allowing users to manage their Multi-Factor Authentication (MFA) settings with ease, reducing dependency on support teams.
- Built an Identity Proofing system integrating document-based verification using government-issued IDs to enable secure, passwordless authentication and improve user onboarding leveraging 1Kosmos ID verification APIs.

● Senior Software Engineer

Apr 2021 – Jan 2024

GREAT SOFTWARE LABORATORY (GS LAB), PUNE

- Designed and Developed serverless IAM APIs supporting user onboarding, authentication (MFA), and account recovery workflows.
- Integrated custom Identity Providers (IdPs) with Auth0, Okta, and open-source SSO platforms using SAML/OIDC and custom JWTs.
- Built backend APIs triggered by Okta lifecycle events to update GAL (Global Address List) across user domains.
- Designed a performant Exchange Online (ExO) connection strategy, boosting application performance by 70%.
- Implemented secure real-time in-app notifications via Pub/Sub architecture and WebSocket-based authentication.
- Developed Python service to dynamically generate, trigger, and remove Apache Airflow DAGs based on JSON configurations.
- Automated deployments using CI/CD pipelines; ensured high-quality code with 95% test coverage through TDD.
- Integrated an open-source SSO platform with custom JWT-based authorization; extended functionality by developing custom Service Provider Interfaces (SPIs) to support non-standard features.
- Provided client-facing technical support and contributed detailed implementation documentation.

● Software Engineer (HPC Solutions)

Sep 2018 – Apr 2021

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING C-DAC, PUNE

National Supercomputing Mission: NSM India – nsmindia.in

- Developed secure APIs for C-Chakshu, a multi-cluster monitoring and management platform over the NKN network.
- Engineered 3D visualization modules and FAT Tree-based topology diagrams for HPC systems.
- Contributed to CHREME, enhancing HPC resource management through new features and architectural improvements.
- Led deployment of Linux-based HPC solutions across multiple academic and research institutions (IITs, IISER, etc.).
- Delivered end-to-end documentation and remote support for system installation and client-specific customization.