

Omkar Shelar

Mobile Number : +91 8806512990, **Alternative Number :** +91 9890071891

Email : omkarshelar24@gmail.com

GitHub: <https://github.com/omkarshelar>

LinkedIn : <https://www.linkedin.com/in/omkar-shelar-889783166/>

Career Objective:

Looking to solve important and challenging problems. Achieving excellence in Computer Science.
Looking for a workplace with a culture of freedom and using my skills to play a significant role in the progress of the organisation.

Academic Qualifications:

Exam/Degree	Grades	Year of Passing	Name of Institute
Bachelor of Engineering, Computer Engineering	CGPA - 7.49	2019	Vishwakarma Institute of Information Technology, Pune (Savitribai Phule Pune University)
Class 12 (CBSE)	68.4 %	2015	City International School, Wanowrie, Pune
Class 10 (ICSE)	84.67 %	2013	Magarpatta City Public School, Pune

Work Experience:

Cognizant - June 2019 to May 2020 as a Programmer Analyst Trainee.

Worked on multiple proof of concepts before the project to test and showcase certain capabilities to the client like i18n, feature flags.

During the project I worked as a UI developer using the Angular framework.

Technology - Angular/Typescript/HTML/CSS

Internship Experience:

Interned for **TechHighway Systems Pvt Ltd** (Baner, Pune) as a full-stack web developer on an Internal Marketing and Customer Relations tool.

Duration : One Month

Languages/Technologies : PHP, Javascript, HTML/CSS, MySQL

Projects:

Text to Image using Generative adversarial networks (4-person team) (B.E. Project):

Used Generative Adversarial Networks(GANs) to create images from textual descriptions. Given textual description, used neural networks to generate images. The model worked well for a subset of the Oxford Flower dataset. Trials on other datasets did not yield successful results.

Slack Broadcast : A progressive web application to broadcast messages to multiple slack channels using slack webhooks.

Allows users to manage slack channels and corresponding webhooks. Broadcast messages to multiple slack channels at the same time.

Technologies Used : Angular, AWS Lambda, AWS Cognito, AWS DynamoDB, AWS Amplify.

Try the application: <https://slack.omkarshelar.dev> (Login Required)

Other details of the application are documented at <https://omkarshelar.dev/work/slack-broadcast>

Temporary file hosting application : Users can upload a file and choose how long the files will be available for download. The generated link is shared with people who can then download the files. Used S3 signed URLs, AWS Lambda, DynamoDB. Created a companion CLI application for uploading a file. **More Details** : <https://omkarshelar.dev/work/file-hosting>

Online DNS Resolver Service :

Resolves hostname to A, AAAA, CNAME, MX, NS, NAPTR, TXT DNS records.

Try the application : <https://dns-resolver.omkarshelar.dev>

File Hosting service :

Allows users to login, Upload files, and organise files in folders. Written in Python/Flask. Uses AWS S3 to store user files. Used DynamoDB for storing user data. Boto3 library is used.

It was an academic project.

Documentation Link : <https://omkarshelar.dev/assets/S3%20Hosting.pdf>

URL Shortener Service using Python/Flask :

A simple shortener service. Allows custom URLs and activation and deactivation of URLs. Tracks count of the number of users who clicked the shortened link.

Technologies : Python/Flask, SQLite, HTML/CSS

Link : <https://github.com/omkarshelar/simple-url-shortner>

Sample GraphQL implementation :

GraphQL implementation of a sample Twitter like database. It was implemented as a proof of concept for the academic report <https://omkarshelar.dev/graphql-report.pdf>

Technologies used : Python, Flask microframework, Graphene, SQLite.

Link : <https://github.com/omkarshelar/flask-graphene>

Inventory and Billing Management System for restaurants (5-person team) :

Duration : 3 months(Third Year of Engineering)

Details : Allowed the user of the application to place orders in a restaurant. Used graphs to visualize the billing information and statistics.

Technology : Java Swing for GUI. Java for backend. MySQL for databases.

Technical Skills :

- **Languages** : Javascript, Typescript, Python
- **Databases** : Relational Databases, Amazon DynamoDB
- **Frameworks/Technologies** : Angular 2+, Python/Flask, Amazon Web Services

Certifications : AWS Certified Cloud Practitioner, AWS Certified Solution Architect-Associate

Other Achievements :

- Took two **lectures**(AWS EC2 and S3) in my college
- Helped my professor take a **guest lecture** in AWS EC2 deployment at NBN Sinhgad School of Engineering, Pune
- Led a 4 person team on an Angular project at Cognizant Academy

Strengths :

- Quick Learner
- Curiosity to try/learn new things

Languages known : English, Hindi, Marathi

Hobbies: Reading news and Travelling

Personal Information :

Present Address : Pune

Contact : +918806512990, +919890071891(Alternate), omkarshelar24@gmail.com

Date of Birth : 24th November 1997