

Omkar Prashant Shelar

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Professional Summary:

Looking to solve important and challenging problems. Interested in working on Cloud Technologies(AWS) / Serverless Technologies and NoSQL Databases.

Skills and Interests:

- **Languages:** Java, JavaScript, TypeScript, Python, SQL, Sass, CSS, HTML
- **Databases:** Relational Databases(MySQL), Amazon DynamoDB, Redis
- AWS Architectural patterns for decoupling and scalability
- **Technologies:** Angular 2+, Flask, Spring, Express, Bash, Node.js, REST APIs, GraphQL, Docker, AWS EC2, ECS, Beanstalk, Lambda, S3, ElastiCache, SQS, RDS
- **Certifications:** AWS Certified Developer - Associate, AWS Certified Solution Architect - Associate

Professional Experience:

- **Express Analytics India Pvt. Ltd**, Pune as a *Web Application Developer* (September 2020 - Present)
Developing a product for targeted marketing campaigns using customer data with **Java 8, Spring, AngularJS, Amazon Redshift**. Also worked on a proof-of-concept involving **AWS SQS, Lambda, S3, Angular(11), SASS**.
- **Cognizant** as a *Programmer Analyst Trainee* (June 2019 - May 2020)
Developed an equipment management web portal using **Angular(8), TypeScript, SASS**.
Worked on multiple proof of concepts like i18n, feature flags with lazy loading using **Angular(8)**.
Responsibilities - Design and develop according to given requirements. Unit Testing of the application.
- **TechHighway Systems Pvt Ltd**, Pune as an *Intern* (April 2018 - May 2018)
Developed an Internal Marketing and Customer Relations tool.
Technologies - PHP, JavaScript, HTML/CSS, MySQL

Education:

Bachelor of Engineering, Computer Engineering (Pune University, 2019)
College - Vishwakarma Institute of Information Technology, Pune

CGPA: 7.49/10

Projects:

- **Slack Broadcast:**
Broadcast messages to multiple slack channels using webhooks.
Allows for management of slack channels. Built it as a progressive web application and mobile first interface.
Technologies Used: Angular, AWS Lambda, AWS Cognito, AWS DynamoDB, AWS Amplify
More Details: <https://omkarshelar.dev/work/slack-broadcast>
 - **Temporary file hosting application:**
Temporary file hosting application built using S3. Web Interface/CLI tool to upload files.
Technologies Used: S3, AWS Lambda(Python/Boto3), DynamoDB, ParcelJS(for frontend app), Node.js
More Details: <https://omkarshelar.dev/work/file-hosting>
 - **File Hosting Service:**
Basic clone of dropbox. Allows users to upload and download files and folders.
Technologies Used: Python/Flask, Amazon S3, Amazon DynamoDB
Documentation Link: <https://omkarshelar.dev/assets/S3%20Hosting.pdf>
 - **URL Shortener Service using Python/Flask:**
A simple URL shortener service. Allows custom URLs and activation and deactivation of URLs.
Tracks the number of clicks on the shortened link.
Technologies Used: Python/Flask, SQLite, HTML/CSS
Source Code: <https://github.com/omkarshelar/simple-url-shortner>
 - **Sample GraphQL API Implementation:**
GraphQL implementation of a sample Twitter like database. It was implemented as a proof of concept for the academic report. The full report is at link: <https://omkarshelar.dev/graphql-report.pdf>
Source Code: <https://github.com/omkarshelar/flask-graphene>
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