Singh M

Senior Backend Engineer, 5+ years experience
Bengaluru, India
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I am a Senior Software Engineer working on breaking down monolithic service to different microservices, adding personal mentors to learners, and setting up educator legal onboarding and payout flow. I have a Bachelor's Degree in Computer Science from Lovely Professional University. My core competencies include Java, RoR, Golang, Django REST Framework, SQL and NoSQL databases. In my previous roles, I have designed and scaled the OCR micro-services using AWS-Textract, developed a project handling the bulk intake and preprocessing of contracts, built an intake API service, and integrated Ephesoft for metadata extraction. I have also contributed to the development of CodeGround.in, an online assessment platform, where I built an Applicant Tracking System, a video interviewing service, and a shared code editor library. I have also optimized the existing Online Judging Environment system for better performance and high availability. I am passionate about solving real-world problems with innovative and scalable solutions, and I enjoy working with diverse and collaborative teams. I am eager to learn new skills and technologies, and I am always open to feedback and improvement.

INDUSTRIES: Education, Legal

TECHNICAL SKILLS

• Python	4 years
• Django	4 years
• Ruby	3 years
• Java	3 years
• Spring Boot	3 years
• golang	1 years & 5 months

SOFT SKILLS

Communication, Problem-solving, Teamwork, Time management, Critical thinking

PROJECT DETAILS

• Unacademy October-2021 - September-2023

Project Description: Unacademy is an Indian multinational educational technology company that provides online educational platform with its headquarters in Bangalore. It prepares students for various competitive exams, as well as provides content on foundational and skill building courses.
Responsibilities: Worked with a versatile tech stack, encompassing Python-Django, Golang, AWS, SQL, NoSQL, and other cutting-edge tools, for seamless software development Breaking down monolithic service to different-2 micro-services. Adding personal mentors to learner and booking welcome session automatically. This increased the session booking from 15% to 60%. Educator legal onboarding and payout flow setup. We almost onboard 600-800 educators every month. Worked on multiple POCs to find out best product market fit.
Technologies: Python, Golang, Java
Industry: Education
Link: https://unacademy.com/

• Pramata February-2020 - October-2021

Project Description: Pramata is the contract management system that provides a fully managed, searchable contract repository, with zero data entry.

Responsibilities: Designed and scaled the OCR micro-services (Processing yield of 100K pages per day to 1 million pages per day) using AWS- Textract. Developed project handling the bulk intake and preprocessing of ~ 300,000 contracts which are received across all customer scaling intake by 3x. Build intake API service which is exposed to end customers to upload contracts. Build libraries implementing mechanism for seamless onboard of documents including unzipping, cleaning and file conversion. Successfully integrated Ephesoft into our application for preprocessing of metadata of contracts. Researched and Integrated Pact, Pact-broker etc for maintaining and testing service to service integrations. Used Ruby On Rails for backend development and ReactJs for frontend.

Technologies: Ruby, Java

Industry: Legal

Link: https://www.pramata.com/

EMPLOYMENT HISTORY

• Senior Backend Engineer October-2021 - September-2023

Description: Breaking down monolithic service to different-2 microservices. Adding personal mentors to learner and booking welcome session automatically. This increased the session booking from 15% to 60%. Educator legal onboarding and payout flow setup. We almost onboard 600-800 educators every month. Worked on multiple POCs to find out best product market fit.

• Software Engineer February-2020 - October-2021

Pramata

Description: Designed and scaled the OCR micro-services (Processing yield of 100K pages per day to 1 million pages per day) from scratch using AWS-Textract. Developed project handling the bulk intake and preprocessing of ~ 300,000 contracts which are received across all customer scaling intake by 3x. Build intake API service which is exposed to end customers to upload contracts. Build libraries implementing mechanism for seamless onboard of documents including unzipping, cleaning and file conversion. Successfully integrated Ephesoft into our application for preprocessing of metadata of contracts. Researched and Integrated Pact, Pact-broker etc for maintaining and testing service to service integrations.

• Software Developer October-2018 - February-2020

Abyeti Technology

EDUCATION

• Bachelors degree in Computer science and engineering from Lovely Professional University 2015 - 2019

LANGUAGES

• English - native

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