

PARESH KADAM

SENIOR SOFTWARE ENGINEER

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🌐 portfolio.kritrim.space

TECHNICAL SKILLS

- **Languages & Frameworks:** C#, Python, VB Script, Typescript, Javascript, GraphQL, .Net, Angular, React, Django
- **Monitoring/Observability:** Dynatrace, Grafana, Kibana, Prometheus
- **Cloud:** Amazon Web Services (AWS - Lambda, SQS, SNS, S3, Route 53, Connect), Azure
- **Databases:** SQL and NoSQL (Cassandra, Clickhouse, MongoDB)
- **Other Tools:** Linux, Docker, Kubernetes, Helm, Git, Redis, Kafka, Terraform, Jenkins, Git Actions, Consul, Nomad, Jira, Confluence
- **Other:** REST API's, Microservices, SOLID, SAST/DAST, TDD, Performance Engg., Agile

CERTIFICATIONS

- AWS Associate Solutions Architect
- Google Digital Marketing and E-Commerce Professional
- Data Engineering Zoomcamp DataTalksClub
- Data Modelling and Application Development (NoSQL) - ScyllaDb

EXPERIENCE

JP Morgan Chase & Co.

A global financial organisation offering banking, investment, and commercial services. I am part of its travel ecosystem, which is Chase Travel; it's also offered to other organisations as a travel platform provider.

Senior Software Engineer

February 2023 – Present

- Designed and developed a validation method for migrating from the old to the new system with 8 developers and 5 cross-team members, allowing 16 clients to be onboarded with complete assurance.
- Delivered a last-minute request to develop a feature with three developers and promote it in less than 25 days, allowing the initiative to be delivered without changing the timeframe.
- Led initiative to resolve security vulnerabilities in all team projects, code, and infrastructure, and was the first team to have them all resolved.
- Creating solution designs and architectures while also assessing them to ensure simplicity, maintainability, and reliability.
- Overhauling system functionalities and issues with developers to improve performance and stability, allowing the management to focus on next-in-line items.
- Conducted code reviews, task assignments and mentorship to junior team members, emphasising best practices and coding standards

Software Engineer

February 2020 – January 2023

- Developed a single point of failure microservice that processes 2.7 million requests/day with 99.99% reliability, and extremely low latency.
- Enhanced legacy call center system, strengthened PII data protection through external services, and integrated with Amazon Connect, resulting in improved security, a \$0.2 million yearly cost savings, and a priceless reputation.
- Architected and implemented a data sync feature that solved a user problem by reducing more than 15 days of manual effort (per release) to two clicks (verify and sync) and eliminating potential human errors.
- Managed customer product requirements while instilling confidence and trust, allowing for flexibility in negotiations.
- Diagnosed a significant time zone issue, correcting backend and UI, affecting over 5,000 active users and financial loss.
- Automated chores with Python scripts, reducing launch time for new products by weeks in more than 5 situations, saving developer bandwidth and safeguarding timelines

Software Trainee

June 2019 - January 2020

- Gained proficiency with Jenkins, CI/CD, Angular, C#, .NET, and monitoring and observability tools (Grafana, Prometheus, Kibana).
- Modelled NoSQL database schema and system models of a new service, considering query performance with relations between objects

Freelance

December 2018 - April 2019

Tech Stack: Django, Electron, React, MongoDB, Java, and Android

- Built a mock test web service which allowed importing questions and storing them and serving mock tests.
- Built a user-friendly Android app and a cross platform desktop application for mock tests with module-wise assessment.

PROJECTS

GDELT (Global Database of Events, Language, and Tone) ELT and Analytics

Tech Stack: Python, Azure, Prefect, Minio, Clickhouse, Terraform, Nomad, Metabase, GitActions

The goal of this Data Engineering and Analytics project is to use the GDELT data to analyse events that are happening around the globe and the emotions that these events arouse in people.

[Github Link](#)

Live + Offline Automatic Speech Recognition and Transcript Search

Tech Stack: Python, Gradio, Pytorch, Qdrant, Hugging Face, Whisper

The project creates a POC to transcript speech during meetings in realtime. Apart the dataset used is, NASDAQ quaterly earning calls. All data from those calls is loaded into Qdarant Vector Db for Hybrid Search.

[Github Link](#)

EDUCATION

Bachelor Of Engineering, Computer Science

Pune University

India, 2015-2019