ARIF KHAN

Software Engineer

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📶 Blog (alittlecoding.com)

EXPERIENCE (5 YRS)

Software Engineer II

Visible Alpha (S&P Global)

📅 Oct 2022 – Ongoing (1 y 8 m)   📍 Mumbai, India

- Implemented generic exception handling using decorators, significantly reducing repetitive code by eliminating over 500 lines of redundancy. This enhancement streamlined the codebase, improving maintainability and code quality.
- Successfully led the migration of an essential library (Ant design) 4 to Ant 5, ensuring a smooth transition and minimizing potential disruptions in the development workflow, as well as for the users. This library impacts almost 80% of the pages of our core application.
- Developed comprehensive test cases for the DataQuality service, resulting in a 10% increase in test coverage. This initiative provided a deeper understanding of the service, empowered the team to maintain higher code quality, and enhanced the repository's overall performance.
- Developed a Chrome extension that helped increase the total documents published by 2% by delivering real-time notifications and reminders using Google Firebase Cloud Messaging (FCM). Also tracked user behavior with Google Analytics for future decision-making.
- Facilitated the seamless migration of critical APIs from C# to Python, optimizing the compatibility and performance of the software across different platforms.
- Collaborated with the Database Sharding team to find a robust database sharding solution across multiple repositories. Played a key role in analyzing and implementing the sharding strategy, which effectively distributed the data load across multiple databases. This not only alleviated the strain on a single database but also contributed to improved scalability, ensuring that the system remains performant as data volumes continue to grow. Overall, this contribution significantly improved the system's reliability, scalability, and preparedness for handling increased data loads in the future.
- Tools/Technologies used: Python, MySQL, Mongo, Git, Postman, Django, React, Chrome extension, Nodejs, Ant design, Docker, etc.

Java Developer

Xebia

📅 May 2021 – Oct 2022 (1 y 6 m)   📍 Pune, India

- Contributed to the development of a mobile banking application from the ground up.
- Specialized in Java Backend development, focusing on microservices to ensure application reliability and efficiency.
- Designed and implemented a Strapi-based Content Management System (CMS) for seamless content control.
- Utilized AWS S3 for image storage, enhancing data management, and utilized CloudFront CDN to boost content availability.
- Mentored a junior team member during the development of the Strapi CMS, providing guidance and support to enrich their skills (problem-solving, SQL, Strapi, etc) and contribute to the project's success.
- Tools/Technologies used: Java, Spring boot, Javascript, Strapi, Postgres, Redis, Git, Postman, Nodejs, AWS S3, CloudFront, Docker, etc.

Software Engineer

Holidify

📅 Oct 2019 – May 2021 (1 y 8 m)   📍 Bangalore, India

- Led the integration of partner APIs (Skyscanner, Airbnb, Booking.com, Wego) to expand travel options and improve user experiences.
- Managed all hotel-related features, increasing overall hotel traffic by 40% in one year through the introduction of "Hotel Collections" pages.
- Maintained and improved travel package pages, providing users with a wide range of travel options.
- Developed the Currency Converter feature to cater to a global audience by providing real-time currency conversion for prices across Holidify's site, including hotel prices and package prices. This feature impacted almost 60% of the pages. Also, this feature helped increase our global traffic from 10% to 15%.
- Added real-time transportation details using an API for bus info, Indian railway data, and Skyscanner API for flights, reducing the bounce rate by 10% on transportation details pages.

- Automated tasks and updated data using Python scripts to streamline operations and ensure data accuracy.
- Tools/Technologies used: Java, HTML, Javascript, CSS, Bootstrap, jQuery, Mysql, Mongo, Git, Spring boot, Python, Redis, Airflow, etc.

Analyst (A4)
Capgemini

📅 June 2019 – Oct 2019 (5 m) 📍 Bangalore, India

- I was benched. I left Capgemini after being benched for five months and joined a startup. During this time, I used the opportunity to prepare for interviews and exams.

EDUCATION

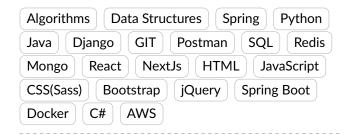B.Tech in Information Technology
Narula Institute of Technology

📅 2015 – 2019 📍 Kolkata, India

PROJECTS

📱 Xebia

- Mobile Banking Application
- Content management system using Strapi

✈ Holidify

- holidify.com
- Content management system

👤 Personal Projects

🔗 Food Classification (ML)   🔗 8 Puzzle
🔗 Sudoku   🔗 Color Picker   🔗 Sttories

TECHS/TOOLS/SKILLS

Algorithms   Data Structures   Spring   Python
Java   Django   GIT   Postman   SQL   Redis
Mongo   React   NextJs   HTML   JavaScript
CSS(Sass)   Bootstrap   jQuery   Spring Boot
Docker   C#   AWS

Frontend   ●●●●○
Backend   ●●●●◐
Database   ●●●◐○