



SUMMARY :

My goal is to explore computer science and engineering thoroughly, aiming to build a career in both DevOps and Development.

EDUCATION and CERTIFICATIONS:

Executive Post Graduate (Advanced Devops) – International Institute of Information Technology, Bangalore | Sep, 2024 to May, 2025

B.Tech (Information Technology) (8.96 cgpa) – Xavier Institute of Engineering | Aug, 2019 to May, 2023

Technical Skills :

- **Frontend** : React, NextJS, Flutter
 - **Backend** : express, JAVA, SpringBoot, Golang, GraphQL
 - **DevOps** : Docker, Terraform, K8s, Ansible, Jenkins, Git, SVN
 - **Database** : MongoDB, MySQL, Redis
 - **Cloud Platforms** : AWS, Azure, GCP, Clevertap, Digio
 - **SVN/Server/Monitor** : Git, Apache, Nginx, ELK Stack
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EXPERIENCE :

Software Developer – BiofuelsJunctions PVT LTD | Jan, 2025 to Present (**5 months**) :

- Designed and implemented DevOps infrastructure on AWS, streamlining deployment, monitoring, and scalability of services.
- Built role-based transaction flows using Express.js and MySQL, enabling dynamic workflows for operations such as Sales Orders and Purchase Orders.
- Integrated with Zoho to import/export supply chain transactions, automating data sync and improving operational efficiency.
- Ensured secure, modular, and scalable backend architecture for supply chain and transaction management systems.

Software Engineer – Finoux Solutions | Feb, 2023 to Jan, 2025 (**2 yr**) :

- Developed and maintained full-stack applications using React, Flutter, and SpringBoot, ensuring seamless integration between frontend and backend components.
- Designed and implemented CI/CD pipelines using Docker, Jenkins, and Kubernetes, reducing deployment times by 35% and improving code quality through automated testing.
- Automated cloud infrastructure provisioning and management on AWS and Azure using Terraform, resulting in a 25% reduction in infrastructure setup time.
- Managed and optimized databases (MySQL, Redis) to ensure high availability, scalability, and performance for web and mobile applications.
- Collaborated closely with development and operations teams to streamline the software development lifecycle, incorporating DevOps best practices and agile methodologies.

Software Engineer Intern – Bright Infonet | June, 2022 to August 2022 (3 months):

- The integration of Shorts feature within the application has resulted in a notable 30% surge in user interaction, with seamless data delivery facilitated through Firebase.
 - Developed Spring Boot APIs for the Assignment section, incorporated GraphQL for enhanced functionality
 - Seamlessly integrated APIs in React with Redux and in Flutter with Provider for enhanced functionality.
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PROJECTS :

BondBazaar – BondBazaar | July, 2024 to Jan 2025:

- Designed and implemented backend APIs for the homepage using Express.js and Go, ensuring responsive and **scalable service** delivery.
- Integrated **third-party APIs** to fetch and display real-time bond exchange data, improving user access to market information.
- Developed the Exchange Order Module supporting both market and limit order types, enabling users to place and manage bond orders efficiently.

AIRamz – AIRamz | Jan, 2024 to June 2024:

- Developed and deployed a stock application tailored for the UAE market, integrating SpringBoot APIs for watchlist management.
- Automated **CI/CD pipelines** using **Jenkins** and **Docker** for continuous deployment, ensuring efficient rollouts of features like the Screener module, which filters and sorts stocks based on specific criteria.
- Implemented Infrastructure as Code with **Terraform** to provision cloud resources on AWS and Azure, enhancing scalability and reliability
- Integrated localization with dynamic Arabic UI adjustments, automating configuration management using Ansible to ensure consistent deployment across environments, significantly improving user experience and operational efficiency.

Research360, Supperapp, MO trader – Motilal Oswal Sec. LTD | Feb, 2023 to Dec, 2023:

- Developed and deployed a research application for the stock market with **Go** APIs and a **Flutter**-based Screener Module.
- Automated CI/CD pipelines for seamless deployment of features like **Multi-Screener** and **watchlist** modules with advanced filtering and heatmap visualization.
- Leveraged Terraform to provision cloud infrastructure, enhancing the application's scalability and reliability. Integrated **CleverTap** for notifications and implemented an extensive theming system across the app using Docker and Kubernetes.
- Engineered OFS (Offer For Sale) and BuyBack modules, and introduced **2FA** on **iOS** and **Android** by automating Activity Lifecycle modifications, ensuring secure and consistent user authentication.

Knowzaa.io – Self Project | June, 2022 to March, 2023:

- Engineered and deployed an advanced Library Management System using the MERN Stack, with a microservices architecture built on **Express.js**. **Containerized** services with **Docker** and deployed on **Azure** for scalable and efficient operations.
 - Leveraged Material UI for frontend theming and integrated Redux for state management. Implemented **JWT** authentication across admin and user **microservices**, ensuring secure access control.
 - Additionally, automated web scraping to generate datasets and retrieve book images, enhancing database accuracy.
 - Published a related research paper in the IRJET Journal, showcasing innovative approaches in library management systems.
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PRIMARY EDUCATION :

12th HSC (77.23%) - Sathaye College | July, 2018 to Feb, 2019

10th SSC (92.80%) - BVVM School | June, 2016 to March, 2017

PERSONAL DETAILS :

DOB - 13-10-2001 | **GENDER** - MALE | **EMAIL** - rahulkishorgaikwad@gmail.com | **Address** - Mumbai, Maharashtra
