

DENZIL RODRIGUES

Full Stack Developer

Karnataka, India

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Innovative and results-driven Lead Software Engineer with over 4+ years of full-stack development experience across diverse domains and major cloud platforms including AWS, Azure, and GCP. Adept at building scalable, high-quality web applications and backend systems using modern technologies such as React, Flask, and Node.js. Skilled in architecting end-to-end solutions that align technical implementation with business goals. Highly adaptable and committed to continuous improvement, with a strong emphasis on clean, maintainable code, test automation, and performance optimization. Thrive in Agile/Scrum environments and experienced in driving engineering best practices, including CI/CD pipelines, code reviews, and TDD. Proven ability to lead cross-functional teams, mentor developers, and ensure UI/UX consistency across complex applications. Recognized for a strong work ethic, collaborative leadership, and thoughtful problem-solving in fast-paced development cycles.

EXPERIENCE

LEAD SOFTWARE ENGINEER

Cloudscale | Remote

FEBRUARY 2025 – PRESENT

- Lead front-end architecture design and development using React, focused on scalability and modularity.
- Architected and implemented a micro-frontend infrastructure to support independently developed and deployed features across multiple teams.
- Built a base application providing shared functionality including theming, state management (store), and utility components, ensuring consistency and reusability across all micro frontends.
- Collaborated closely with cross-functional teams to align development practices, enforce design standards, and streamline integration workflows.

SENIOR SOFTWARE ENGINEER

Biofourmis | Bangalore, India

APRIL 2024 – JANUARY 2025

- Design and develop high-quality software in collaboration with cross-functional teams
- Architect and implement scalable and efficient software systems with Flask, Node.js, React.js, Express.js and Mongo DB that meet business requirements
- Collaborate with product managers and stakeholders to define project requirements and timelines

SOFTWARE ENGINEER

Biofourmis | Bangalore, India

JULY 2021 – MARCH 2024

- Design, develop and manage well-functioning databases, UI applications with React and write effective APIs using Python, Flask, Express.js and Socket.IO
- Data stream IoT devices to AWS IoT Core, Azure IoT Hub and Apache Kafka
- Build and maintain data migrations platform
- Deployment on EC2 and EKS using Jenkins

FULL STACK DEVELOPER

Freelance | Remote

SEPTEMBER 2020 – JUNE 2021

- Create security and data protection rules in GCP Firestore
 - Build features and applications with a mobile responsive design and using GCP cloud functions as BaaS
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EDUCATION

- **BACHELOR OF COMPUTER APPLICATION (2020)**
St. Aloysius College, Autonomous (Affiliated to Mangalore University)
- **AWS CLOUD QUEST: CLOUD PRACTITIONER**
Amazon Web Services Training and Certification
- **AWS FUNDAMENTALS: GOING CLOUD NATIVE | GOOGLE CLOUD PLATFORM FUNDAMENTALS: CORE INFRASTRUCTURE**
Coursera
- **DIPLOMA IN HARDWARE AND NETWORKING**
Ruby Group of Computers (National Board of Computer Education)
- **CLASS XII**
St. Aloysius PU College (Department of pre-university education, Karnataka)

SKILLS

LANGUAGES: C, C++, Java, Python, HTML, php, Java-Script, Type-Script (Nodejs, Bun).

IDES: Net-Beans, Visual Studio Code, Pycharm, Android Studio.

FRAMEWORKS: Bootstrap, Django, Flask, Express, React (Webpack, Vite), Tailwind.

DATABASES: MySQL, Apache Derby, MongoDB, Firebase Realtime DB, Redis.

CLOUD PLATFORMS: AWS, GCP, Firebase

VERSION CONTROL: Git (Github, Bitbucket) **CI/CD:** Jenkins, Github Actions, Bitbucket Pipeline

TESTING: Pytest, Selenium, Appium.

TOOLS: Android Debug Bridge, Kubernetes, Docker, Celery, Swagger, Postman, Apache Kafka, Grafana, ESLint, Prometheus, JIRA, Material UI.

PERSONAL PROJECTS

- **Images Compare:** <https://pypi.org/project/images-compare/>
An open-source Python package allows for image comparison between two provided images using a specified threshold.
- **EventX:**
EVENTX is designed Proudly for Event Rental Businesses. This App encompasses spectrum of advanced functionalities. This is developed using React and firebase Realtime database.
- **Cart:** <https://github.com/denzilrdz/My-Cart>
This is not just another e-commerce website but is focused on the privacy of the user. The user is assigned a group where the sub-interest changes every three days and the main-interest every week. This project is developed using Django framework.
- **Apartment Management System:** <https://github.com/denzilrdz/Apartment-Managment-System>
The system is developed with Java Server Page. This system deals with the day-to-day activities of the apartment like bill payments, hall booking, gym membership, visitor's entry, guest visit for vacant apartments and service request.

EXTRA CURRICULAR

- Languages known are Konkani (Mother tongue), English, Hindi, Kannada and Urdu.
 - A member of AICUF since 2015 and was the secretary of college unit. I have actively participated in hunger-drives, medical camps, state councils and state camps organized by AICUF.
 - I like to listen to music, sing and play guitar. I am familiar with tools such as Figma, Adobe XD, Adobe Premiere, Adobe Photoshop, Adobe Audition, Snapseed, FL Studio and create short videos.
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