

# DENZIL RODRIGUES

Karnataka, India

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

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Innovative and results-driven Lead Software Engineer with over 4 years of full-stack development experience across diverse domains and cloud platforms (AWS, Azure, GCP). Highly adaptable and committed to continuous improvement, with a strong focus on building high-quality, scalable solutions. Proven track record of designing and delivering robust front-end and back-end systems using technologies such as React, Flask, and Node.js. Adept at translating complex requirements into efficient, maintainable code that aligns with both technical and business objectives. Thrive in collaborative environments, lead cross-functional teams, and drive UI/UX consistency and performance optimization. Known for a strong work ethic, thoughtful execution, and a passion for mentoring and engineering leadership.

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## 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
- Troubleshoot, debug, upgrade software and track using JIRA

### 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)

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## 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.

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## 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-Management-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.
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## 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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