

# Raghavendra Kulkarni

Software Engineer – 2

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## SKILLS

- **Programming Languages:** Python, SQL, JavaScript
- **Libraries and Frameworks:** Django, React, Material UI
- **Tools:** AWS, Git, DBaiver
- **Other Skills:** Leadership, OOPs, Data structures and Algorithms, Microservices, RESTful APIs, System Design

## EXPERIENCE

### Software Engineer 2

Jun 2022 - Present

#### CloudThat Technologies

Bangalore

- Spearheaded the **implementation** of cloud solutions, including **designing** and executing user onboarding policies, leading to improved **operational efficiency**.
- **Automated cost reporting** through a custom solution, eliminating manual processes by 80% and providing **real-time cost insights**, which improved **decision-making** and resource allocation.
- **Designed, developed, and deployed RESTful APIs**, resulting in improved **platform functionality**, faster data access, and a seamless user experience.
- Optimized SQL queries to enhance **database performance**, improving data retrieval times by 40% and ensuring the system scaled effectively with increasing data volume.
- **Collaborated cross-functionally** with teams to streamline operations, improve workflows, and ensure project milestones were met **on time** and within scope.
- **Mentored and led a small team** of junior developers, providing guidance on best coding practices, cloud infrastructure, and efficient problem-solving approaches, fostering a **collaborative** and high-performing team environment.
- Collaborated with senior developers and participated in code reviews, adhering to **Agile Methodologies**.
- **Key Technologies:** Python, Python libraries, PostgreSQL, AWS (IAM, Lambda, RDS, API Gateway, S3, EC2, Step Functions, CodePipeline), Boto3 library, Linux.

### Full Stack Engineer

Apr 2021 - Jun 2022

#### NeoGRC Solutions

Bangalore

- **Contributed significantly** to end-to-end development at an **early-stage startup**, taking full ownership of the entire **development lifecycle**.
- **Led the creation** of dynamic and responsive **React Components**, greatly enhancing the user interface and improving the overall user experience for web applications.
- Developed and maintained database functionalities in **PostgreSQL**, including the creation of efficient **functions, triggers, and procedures** for seamless data manipulation and ensuring high data integrity.
- **Collaborated closely** with cross-functional teams to ensure that design and development aligned with business goals, leading to faster product iterations.
- Streamlined development processes by implementing version control best practices using **Git Desktop**, which improved team collaboration and code quality.
- **Key Technologies:** JavaScript, ReactJS, NodeJS, PostgreSQL, Material UI, Tailwind, Git Desktop, Rest API.

## PROJECTS

### Blog Web Application | Python, Django, SQL

- Developed a full-featured web app using Django and Python, enabling user-generated content with blog posts.
- Implemented secure user authentication, including account creation, login/logout, and password recovery via email.
- Created user profiles for managing personal information and profile pictures, enhancing user engagement.

### AWS Cost Automation | Python, AWS, Boto3

- Utilizing Boto3's Cost Explorer within a Python-based Lambda function, service costs and user details are retrieved, with EventBridge configured to trigger the Lambda function on a daily and weekly basis.
- The costs are saved in JSON format to an S3 bucket, and a separate EventBridge setup triggers email notifications using SES to users by parsing the saved JSON file at scheduled intervals.

## ACHIEVEMENTS & CERTIFICATES

- [GitHub Foundations](#) (Issued Jun 2024)
- [AWS Certified Developer - Associate](#) (Issued Jun 2023)
- Received the "Innovativeness" award from CloudThat Technologies in Feb 2023 for demonstrating creativity & delivering innovative solutions.

## EDUCATION

### KLS Gogte Institute of Technology, Belagavi

B. E in Electrical and Electronics, Grade: 8.05/10