

Sreerag E G

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Thrissur, India

Professional Summary

Results-driven Python and Full-Stack Developer with experience in building and automating scalable web applications. Proficient in backend technologies, automation, data processing, and full-stack development. Experienced in the US healthcare insurance domain and passionate about clean, maintainable code.

Technical Skills

Languages: Python, JavaScript, Java, C/C++, SQL, HTML, CSS

Frameworks/Libraries: Django, DRF, Flask, React.js, Node.js, Express.js, MERN Stack, Pandas, NumPy, PySpark, Scikit-learn, TensorFlow, OpenCV

Databases: MySQL, PostgreSQL, MongoDB

DevOps/Tools: Git, Linux, Docker (Basic), CI/CD, AWS, Postman, VS Code, Cursor

Testing & Automation: Selenium, PyTest, Unit Testing

Cloud: AWS (EC2, S3, Lambda), Deployment

Work Experience

Kalki Safalya Pvt. Ltd.

Software Developer

May 2025 – Present

- Automated data entry for insurance claim portals using Python and Selenium, improving submission speed by 40%.
- Built internal tools for claims tracking and processing using Django and Pandas.
- Collaborated with Ruby on Rails developers to integrate APIs and streamline workflows.

Aspire Systems

Full Stack Developer Intern – Python/Django

Nov 2024 – May 2025

- Developed REST APIs with Django Rest Framework and optimized MySQL queries.
- Built features like user authentication, CRUD operations, and Google OAuth.
- Participated in Agile sprints, code reviews, and API documentation using Swagger.

Freelance Python Developer

May 2024 – Oct 2024

- Created automation scripts for insurance web applications using Selenium.
- Optimized backend performance and handled third-party API integrations.

Projects

Insurance Claim Web Automation

Automated insurance form submission on US portals using Python and Selenium. Dealt with CAPTCHA challenges and generated logs for tracking.

Image Recognition & Classification

AI-powered system built using TensorFlow and OpenCV, achieved 95% accuracy in object detection and classification tasks.

AVI (App for Visually Impaired)

Built an Android-based app using Python backend that used real-time object detection and converted outputs to audio using MediaPlayer API.

Color Lab System

Developed a cloud-based collaborative image editor using Flask and React with authentication and real-time updates.

Library Management System

Full-stack Django application with MySQL, REST API support, login system, and admin dashboard.

Education

B.Tech in Computer Science and Engineering

Christ College of Engineering, Thrissur, Kerala

2019 – 2023

CGPA: 7.85 / 10

Certifications

- IBM Python for Data Science
- AWS Certified Cloud Practitioner
- AI For Everyone by Andrew Ng
- ASAP Coding Skills Course (NCVET Recognized)
- Python for Everybody – University of Michigan (Coursera)
- Django for Web Development – Udemy
- Data Engineering with PySpark – YouTube-based

Achievements & Participation

- Beach Hack 4 (Hackathon)
- Completed 100K Coding Challenge
- Participated in Design Thinking and Product Management Workshop

Languages

- English – Professional Proficiency
- Malayalam – Native
- Hindi – Professional
- Sanskrit – Full Proficiency

Interests

Software Development, Open Source, Cloud Computing, Automation, Machine Learning