

M ALOK

Software Developer

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PROFILE SUMMARY

Software Engineer with hands-on experience in Python, Django, REST APIs, SQL/NoSQL databases, and distributed application development. Skilled in designing scalable backend systems, optimizing data workflows, and building reliable services using Django + MERN stack. Strong interest in clean code, test-driven development, system design, large-scale data pipelines, and applying ML techniques to real-world engineering challenges.

SKILLS

Programming Languages: Python, JavaScript, Dart, SQL, NoSQL, Data Structures & Algorithms (DSA)

Frameworks: Django, Django REST Framework, FastAPI (Basic), Node.js, Express.js

Frontend (Supportive): React.js, HTML, CSS, JavaScript, Flutter

Databases: MongoDB, MySQL, Database Schema Design

Tools: Git, GitHub, VS Code, PyCharm, Postman, Android Studio

EXPERIENCE

SMARTCLIK

Nov 2024 – Present

Belagavi, India

Associate Software Engineer

- Developed secure and scalable backend APIs using **Django REST Framework**, enabling efficient communication across services.
- Designed structured database schemas and optimized **MySQL queries**, improving data processing efficiency across web modules.
- Implemented CI-friendly **versioning workflows** for Flutter apps, ensuring predictable and controlled deployment cycles.
- Built a cross-platform service workflow application using **Django + Flutter**, improving operational efficiency for active users.
- Collaborated with cross-functional teams to gather requirements, perform testing, and deliver maintainable backend features.

EDUCATION

Bapuji Institute of Engineering & Technology

Feb 2023 – Sep 2024

Master of Computer Applications (MCA) – CGPA: 8.6/10

Davangere, India

P C Jabin Science College

July 2019 - Sep 2022

Bachelor of Science (B.Sc.) – CGPA: 7.8/10

Hubballi, India

PROJECTS

Real-time Chat Application | React, Node.js, Express.js, MongoDB, Socket.io, Tailwind CSS | [Live](#)

Aug 2025

- Engineered full-stack chat application using **MERN Stack**, supporting 100+ concurrent users with 99.9% uptime
- Implemented real-time messaging functionality with Socket.io, achieving low-latency communication
- Developed responsive UI with Tailwind CSS, increasing user engagement by **30%** across mobile and desktop platforms
- Integrated Cloudinary for optimized media storage and file upload management

Streamify - Video Streaming Platform | React, Node.js, Express.js, MongoDB, GetStream.io | [Live](#)

Feb 2024

- Built community-driven learning platform with integrated video streaming using GetStream.io API
- Designed dynamic UI components with Tailwind CSS and DaisyUI, reducing page load time by **25%**
- Implemented secure user authentication system with multi-role access control, reducing unauthorized access

StudyBud - Social Learning Platform | Python, Django, SQL | [Live](#)

Jan 2025

- Designed and implemented **backend architecture in Django** with scalable database schema for user and content management.
- Implemented secure authentication and role-based access control, reducing unauthorized access incidents by ~70%.
- Built dynamic front-end rendering using Django Templates & Ninja2, improving page performance and load time by 25%.