

Ashif E.K

Kerala, India

ashifek11@gmail.com — +91 9037499763

LinkedIn: <https://www.linkedin.com/in/ashifek> — GitHub: <https://github.com/ashif-ek>
portfolio: <https://ashifek.in/> — Docs Stack: <https://ashif-ek.github.io/docs-stack-material/>

Professional Summary

Full-Stack Engineer focused on building reliable, production-grade web platforms. Experienced with Django REST Framework, React, PostgreSQL, Docker, and AWS to design secure APIs, scalable backend systems, and high-performance applications. Emphasizes system reliability, automation, and real-world operational constraints through CI/CD pipelines, payment integrations, and cloud deployment, delivering software that operates correctly in production environments.

Experience

- **Full Stack Developer — Bridgeon** May 2025 – Present
 - Architected and delivered scalable web applications using Django REST Framework, React, and PostgreSQL following modular service-oriented design principles.
 - Designed secure REST APIs implementing JWT authentication, role-based access control (RBAC), and layered permission enforcement.
 - Improved backend performance by optimizing database queries and request execution paths, reducing API response latency by up to 35%.
 - Developed production-grade admin dashboards using React and Redux Toolkit with API-first state management patterns.
 - Implemented Razorpay payment workflows with transaction verification, idempotent order handling, and failure recovery mechanisms.
 - Deployed applications on AWS infrastructure using Nginx and Gunicorn, with automated CI/CD pipelines through GitHub Actions.
 - Live demo: <https://noirel-perfume.vercel.app/>
- **Project Intern — Regional Technologies** Oct 2024 – Mar 2025
 - Built a cross-platform digital governance platform using Django backend services and a Flutter mobile application to streamline citizen-administration interaction.
 - Modeled hierarchical governance architecture (District → Higher Authority → Panchayath → Citizens) with role-based permission controls.
 - Developed REST APIs supporting citizen services such as service requests, complaint submission, notifications, and community updates.
 - Implemented complaint escalation workflows allowing unresolved Panchayath-level issues to be forwarded to higher administrative authorities.
 - Built an announcement and update feed enabling Panchayath administrators to publish news, alerts, and public service information to residents.
 - Enabled citizen engagement features including community posts, media sharing, and interaction within local governance networks.
 - Designed scalable backend data models supporting citizen participation, service tracking, and administrative accountability.

Technical Skills

- **Languages:** Python, JavaScript, Dart
- **Backend Development:** Django, Django REST Framework, REST API Design, Authentication (JWT), Role-Based Access Control (RBAC), API Security
- **Frontend Development:** React.js, Redux Toolkit, Component-Based Architecture, API Integration
- **Databases:** PostgreSQL, MySQL, Query Optimization
- **Cloud & DevOps:** AWS (EC2, RDS, S3), Docker, Nginx, Gunicorn, GitHub Actions CI/CD
- **Engineering Practices:** Performance Optimization, Scalable System Design, Clean Architecture

Engineering Highlights

- Implemented debouncing and throttling techniques to optimize client-side event handling and reduce redundant API calls.
- Designed resilient UI architectures using React Error Boundaries with fallback components.
- Applied performance-focused frontend patterns including lazy loading, shimmer slides, memoization strategies, and efficient state updates.

Projects

- **NOIRÉL — Luxury E-Commerce Platform (Production)**
 - Built a full-stack e-commerce platform using React and Django REST Framework supporting the complete order lifecycle from product browsing to payment confirmation.
 - Designed modular REST APIs for catalog management, cart operations, order processing, and payment verification.
 - Implemented JWT-based authentication with protected routes, admin control panel, and role-based access control.
 - Integrated Razorpay payment gateway with secure transaction validation, webhook verification, and failure recovery handling.
 - Optimized frontend performance with efficient state management and lazy-loaded components, achieving a **100/100 Lighthouse performance score**.
 - Deployed production environment on AWS infrastructure using Nginx + Gunicorn with automated CI/CD pipelines through GitHub Actions.
- **Blog System Design Sandbox (AWS Deployed)**
 - Built a full-stack blogging platform as an engineering sandbox to experiment with production-grade backend architecture and API design patterns.
 - Implemented secure authentication with access/refresh JWT separation, token versioning, and forced token invalidation on password reset.
 - Designed consistent API response envelopes, error handling middleware, and request validation patterns.
 - Dockerized frontend and backend services to ensure environment parity across development, staging, and production.
 - Implemented structured logging, request-scoped trace IDs, soft-delete patterns, and application health-check endpoints.
 - Automated CI/CD workflows with GitHub Actions enabling build validation and deployment consistency.
- **Civic (CiviTech) — Cross-Platform Digital Governance Platform**
 - Developed a multi-role civic engagement platform connecting citizens with Panchayath and higher administrative authorities.
 - Architected hierarchical governance data models representing District → Higher Authority → Panchayath → Citizen relationships.
 - Implemented citizen service modules including service requests, verified announcements, emergency alerts, and public updates.
 - Designed complaint escalation workflows enabling unresolved Panchayath-level issues to be forwarded to higher authorities.
 - Built administrative dashboards supporting moderation, analytics, and service monitoring for local governance bodies.
 - Enabled citizen interaction through community feeds, media sharing, and discussion within local governance networks.

Education

- **Bachelor of Computer Applications (BCA)** — SAFA Arts & Science College Aug 2022 – Apr 2025

Certifications

- Python Django & Flutter Certification — Regional Technologies (2025)
- Certified Cyber Security Analyst (CCSA) — Red Team Hacker Academy (2022)