

# ASWIN P

## Full Stack Software Engineer

Palakkad, Kerala, India | Open to International Remote & Relocation Opportunities  
[achuaswinakshaya@gmail.com](mailto:achuaswinakshaya@gmail.com) | +91 9995329572 | [github.com/Aswin187](https://github.com/Aswin187) | [linkedin.com/in/aswin187](https://linkedin.com/in/aswin187)

### Professional Summary

Full Stack Software Engineer with 4+ years of experience building production web applications, REST APIs, and SaaS platforms using React, Next.js, TypeScript, Node.js, and PostgreSQL. Skilled in authentication, application security, payment integrations, and performance optimization, with hands-on experience collaborating remotely with a US-based engineering team. Track record of measurable impact: up to 50% faster API response times, 35% faster debugging cycles, and zero critical regressions across 6 consecutive releases.

### Technical Skills

**Core:** React.js, Next.js, TypeScript, JavaScript (ES6+), Node.js, Express.js, REST APIs  
**Data:** PostgreSQL, MySQL, MongoDB, Query Optimization, Indexing  
**Security & Auth:** JWT, RBAC, OAuth, OWASP Top 10, Input Validation, Rate Limiting, SQL Injection Prevention  
**Testing:** Jest, Unit & Integration Testing, Regression Testing, API Testing  
**Cloud / DevOps:** AWS (EC2, S3), Docker, CI/CD (GitHub Actions, GitLab CI), Git, Linux  
**Additional:** Redux Toolkit, TanStack Query, Tailwind CSS, GraphQL, Micro-Frontend Architecture, Webpack/Vite, Razorpay Payment Integration, Figma

### Professional Experience

#### KurlTech Systems Pvt Ltd

Software Engineer, 2nd Stint

India

Feb 2026 – Present

- Rejoined the engineering team to stabilize and scale core modules ahead of a major release, extending Jest coverage across newly built features while sustaining 75%+ overall test coverage as the codebase grew.
- Partnered with the development team to triage and resolve functional defects across UI, API, and cross-browser environments, directly informing fixes before deployment to reduce post-release incidents.
- Led structured validation of onboarding and subscription-management workflows, ensuring feature parity and data integrity across user-facing flows.

#### HR Geckos

Software Engineer

Remote, US-based Company

Jul 2025 – Jan 2026

- Built JWT authentication, IP-based rate limiting, and SQL-injection prevention aligned with OWASP Top 10, hardening security across critical endpoints.
- Introduced structured error handling and centralized logging, cutting mean time to debug production incidents by roughly 35%.
- Owned end-to-end testing of authentication and API modules across functional, edge-case, and regression scenarios, holding zero critical regressions across 6 consecutive sprint releases.

#### KurlTech Systems Pvt Ltd

Software Developer, 1st Stint

India

Aug 2024 – Jun 2025

- Served as primary engineer on a full-stack fitness SaaS platform (React.js, Next.js), supporting 10+ gym-operator clients and 50+ end users across billing, payments, and analytics.
- Redesigned the onboarding workflow UI and migrated to server-side rendering, cutting admin task completion time by 30%.
- Cut unnecessary API calls by 40% by introducing Redux-based state caching, after benchmarking against React Query.
- Built 20+ reusable React components using TypeScript generics and utility types, reducing frontend prop-type mismatches.
- Improved platform discoverability via semantic HTML and structured metadata.

#### Chillar Payment Solution Pvt Ltd

Software Developer

India

Mar 2023 – Jun 2024

- Built REST APIs for real-time payment and multi-currency remittance workflows.
- Cut end-to-end API response time by 50% through bundle optimization, query refactoring, and HTTP caching, delivering sub-200ms response times under load (verified with Postman load tests).
- Lowered average MySQL query execution time by 35% through composite indexing and query-plan analysis (EXPLAIN).
- Deployed backend services on AWS EC2 with S3 asset storage and environment-based configuration, enabling zero-downtime releases.

- Contributed to core application development and ongoing maintenance within the engineering team.

## **Projects**

---

### **HI5 Overseas – Client Web Application ([Live Site](#))**

- Production full-stack application for enquiry management and client communication, built with type-safe REST API contracts and a responsive desktop/mobile UI deployed to real users.
- *Stack: React, Next.js, TypeScript, Node.js, PostgreSQL*

### **Subscription & Payment Management System ([GitHub](#)) ([Live Demo](#))**

- Full-stack subscription and billing platform featuring role-based access control (RBAC), customer directory administration, and tiered subscription plans.
- Integrated Razorpay Test Mode checkout with webhook handling and signature-verified idempotency to prevent duplicate payment processing.
- *Stack: React, Node.js, Express, PostgreSQL, Razorpay API*

## **Education**

---

### **University of Calicut**

*Bachelor of Computer Science*

India  
*Jun 2019 – May 2022*

## **Languages**

---

English (Fluent) | Malayalam (Native) | Hindi (Conversational)