

Abdul Rahman Razeem V. S

Thrissur, Kerala

📞 9048058458 ✉ appurazeem2000@gmail.com [in LinkedIn](#) [GitHub](#)

Summary

Backend-leaning full-stack software engineer with production experience building Node.js microservices and REST APIs backed by PostgreSQL. Strong focus on async processing, authentication, and containerized deployments, with working experience integrating React frontends with secure backend systems.

Education

Vidya Academy of Science and Technology

B.Tech in Computer Science and Engineering, CGPA: 8.01

2025

Thrissur, Kerala

Sree Krishna HSS

Plus Two: PCM, 95%

2021

Guruvayoor, Kerala

Technical Skills

Backend & APIs: Node.js, Express, TypeScript, JavaScript, PostgreSQL, REST APIs, JWT, Keycloak

Async & Infrastructure: BullMQ, Docker, GitLab CI/CD

Testing: Vitest, Unit & Integration Testing

Frontend (Supporting): React, TailwindCSS

Other Languages: Java, Python, C, SQL (MySQL)

Experience

Webyfy IoT

Software Developer Intern

Jul 2025 – Present

Trivandrum, Kerala

- Designed and implemented a Question Paper Generation microservice from scratch using Prisma ORM, including a deterministic rule engine, draft reordering APIs, and test coverage using Vitest.
- Built and maintained 30+ RESTful APIs across Core and Question Paper services supporting scheduling, task management, and resource workflows.
- Migrated file conversion and video compression pipelines to asynchronous BullMQ workers, eliminating blocking operations and improving API responsiveness.
- Integrated Keycloak-based SSO with internal JWT authentication middleware and migrated identity storage from H2 to PostgreSQL for production readiness.
- Refactored a monolithic backend into a modular repository-service architecture, improving maintainability and enabling independent service scaling.
- Containerized backend services using Docker and collaborated on GitLab CI/CD pipelines, gaining hands-on experience with automated builds, image registry workflows, and production deployments on DigitalOcean.
- Authored and maintained Swagger API documentation and architecture references to support frontend and mobile team integrations.

Projects

Vast-Connect — React, Express, PostgreSQL, Prisma, JWT

GitHub

- Developed a social platform for students with post creation, job listings, and discussion features.
- Designed a role-based authentication system using JWT supporting students, faculty, and employers with secure API access control.
- Designed scalable PostgreSQL schema with Prisma ORM and optimized query performance.
- Integrated REST APIs with React frontend and deployed production build on Vercel.
- [Live Preview](#)