

ASHISH VIJAY

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Associate Principal Engineer with 9+ years of experience building and owning business-critical systems across Node.js, Python, and Angular. Strong in agentic AI, LLM-assisted development, backend architecture, and shipping reliable systems at scale.

WORK EXPERIENCE

QBurst Technologies Pvt. Ltd. · Kochi, Kerala

Associate Principal Engineer · August 2026 – Present

Lead Engineer · February 2023 – August 2026

Senior Engineer · July 2020 – February 2023

Engineer · January 2019 – July 2020

Client: Legallinc Corporate Services, a LegalZoom company

- Led full-stack engineering across 9 production services supporting business formation, registered agent, and compliance products. Contributed around 1,200 pull requests across multiple repositories.
- Established and drove adoption of AI engineering standards across the team's repositories, improving consistency and development practices.
- Delivered frontend features across 3 Angular applications and 10+ white-labeled partner sites, spanning user onboarding, compliance workflows, subscription lifecycle, and policy acceptance.
- Built and maintained Node.js and Selenium browser automation handling 500+ government submissions per month across ~75% of U.S. jurisdictions, reducing manual work by up to 90%.
- Expanded and optimized a Python-based email document processing system handling 70K+ annual messages, reducing latency by 95%, automating onboarding of new state jurisdictions, and clearing a 20K+ message backlog.
- Architected and built the Angular frontend for a PDF mapping platform, enabling generation of filing documents across all U.S. states using JSON-driven one-to-one field mappings.
- Established and own the security baseline across repos: CodeQL static analysis, Dependabot and npm-audit remediation, CSP and secure-header policy, and secrets/PII hygiene, all wired into CI.
- Designed Cypress-based automated API test coverage for 11 SLA-critical endpoints and integrated it into GitHub Actions CI/CD pipelines, strengthening release safety and preventing contract-impacting regressions.
- Drove engineering quality and technical direction through framework modernization, security patching, and mentoring of junior engineers via architecture reviews and code reviews.

Nextfellow Pvt. Ltd.

Software Engineer · November 2016 – November 2018 · Kozhikode, Kerala

An e-learning platform for NEET-PG aspirants, delivering structured learning and assessment tools.

- Designed, built, and maintained high-performance REST APIs and delivered full-stack features supporting core product growth.
- Owned release cycles end-to-end, including validation, production deployments, and maintenance of AWS EC2 environments.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, HTML, CSS

Backend: Node.js, Express.js, Nest.js, Flask, Celery, REST API design, OpenAPI

Frontend: Angular, RxJS, Angular Material, SASS

Data & Infra: MySQL, MongoDB, Redis, SQS, S3, AWS, Docker, Kubernetes, GitHub Actions, Git

Automation & Quality: Selenium, Cypress, pytest, Jest, CodeQL, Datadog

AI Engineering: Claude Code, Codex, Agent Skills, MCP, LangGraph

EDUCATION

LBS College of Engineering

B.Tech Computer Science · September 2012 – May 2016 · Kasaragod, Kerala

St. Joseph's Boys' Higher Secondary School

Higher Secondary Education · June 2003 – March 2011 · Kozhikode, Kerala