

VIKAS KUSHWAHA

SOFTWARE ENGINEER | BACKEND, PLATFORM INTEGRATIONS, CLOUD & AI

London, United Kingdom | vikaskushwaha.dev00@gmail.com | +44 7810 213387
linkedin.com/in/vikas-kushwaha-dev | github.com/vikas-kushwaha-dev

PROFESSIONAL SUMMARY

Software Engineer with 3+ years of commercial experience building production backend systems, SaaS and multi-tenant applications, microservice-based integrations, secure APIs and cloud deployments. Took technical ownership of projects at Redspark, shaping architecture decisions, service boundaries, data models, shared components, engineering standards and delivery. Hands-on with PHP, Laravel, Node.js, REST APIs, queues, Redis, event-driven workflows, OAuth 2.1, Elasticsearch, Docker, CI/CD, AWS EC2, RDS and S3, Laravel Forge and Vapor. Currently completing an MSc in Information Technology with Project Management in the UK, including an AI/ML project focused on explainable sprint-delay prediction and practical workflow decision support.

TECHNICAL SKILLS

Backend & Architecture	PHP, Laravel, Node.js, Express.js, SaaS, multi-tenancy, microservices, shared components, REST APIs
Platform Integrations	External API integrations, service boundaries, asynchronous workflows, documentation, Postman
Distributed Systems	Laravel queues, Redis, pub/sub, event-driven workflows, background jobs, scalable pipelines
Cloud & DevOps	AWS EC2, RDS, S3, Docker, CI/CD, Laravel Forge, Laravel Vapor, Git, GitHub
Security & Identity	OAuth 2.1, JWT, bcrypt, identity systems, authentication, RBAC, API security
Data, Search & AI	MySQL, MongoDB, Elasticsearch, schema design, query optimisation, caching, Python, ML concepts, SHAP/LIME
Frontend & Delivery	JavaScript, jQuery, Vue.js, React.js, PHPUnit, Agile/Scrum, code review, technical documentation

PROFESSIONAL EXPERIENCE

Backend Development Intern

Syntexchub

May 2026 - Jun 2026

United Kingdom

- Built backend APIs using Node.js, Express.js and MongoDB for authentication, CRUD, file upload, search and analytics workflows.
- Implemented role-based access control, scheduled tasks and secure database operations across multiple backend assignments.
- Tested APIs with Postman and documented setup, endpoints and expected behaviour through structured README files.
- Applied backend architecture, API security and maintainability principles while delivering small, reviewable pieces of work.

Software Developer

Redspark Technologies

Jul 2022 - Aug 2025

Vadodara, India

- Directed end-to-end delivery of Laravel projects and made architecture decisions covering modular structure, service boundaries, database design, shared components, integration patterns and coding standards.
- Developed SaaS and multi-tenant backend capabilities with tenant-aware data access, secure permissions and strong data-isolation practices.
- Built and integrated Laravel microservices and external APIs using REST, queues, Redis, pub/sub and event-driven workflows.
- Implemented OAuth 2.1, identity systems and role-based access controls to protect backend services and application data.
- Deployed and maintained applications using Docker, CI/CD, AWS EC2, RDS and S3, Laravel Forge and Vapor; improved performance with MySQL optimisation, caching, Redis and Elasticsearch.
- Reviewed code, documented backend behaviour and aligned technical implementation with project requirements, maintainability goals and delivery priorities.

Software Developer Trainee

Redspark Technologies

May 2022 - Jul 2022

Vadodara, India

- Supported PHP and Laravel feature development while learning the organisation's architecture, coding, database and delivery practices.
- Assisted with implementation, debugging, testing and maintenance of production web application modules.

SELECTED PROJECTS

Explainable AI Framework for Agile Sprint Delay Prediction

MSc Project, University of the West of Scotland

2026 - Ongoing

UK

- Building a Python-based machine-learning service to classify sprint delay risk from Agile sprint metrics as part of MSc study.
- Designing explainable predictions using SHAP/LIME so technical and non-technical users can understand the drivers behind each risk score.
- Planning Laravel API integration and corrective-action recommendations to support practical project-management decisions and workflow improvement.

AI SupportDesk - Helpdesk with AI-Assisted Prioritisation

Personal Project

Ongoing

GitHub portfolio

- Developing a Laravel helpdesk platform with authentication, roles and permissions, ticket workflows and administrative features.
- Applying modular backend design, relational data modelling, service-oriented logic and maintainable application structure.

Backend API Portfolio

Node.js, Express.js and MongoDB

2026

GitHub portfolio

- Created APIs covering authentication, user and product CRUD, blogging, file upload, owner-only notes, analytics and text search.
- Implemented JWT authentication, bcrypt hashing, pagination, filtering, role-based administration, audit logging and scheduled jobs.

EDUCATION

MSc Information Technology with Project Management

University of the West of Scotland

Sep 2025 - Sep 2026 (expected)

United Kingdom

- Current postgraduate study combining software, information technology, project-management practice and applied AI/ML project work.

BTech Computer Software Engineering

Gujarat Technological University

2018 - 2022

Vadodara, India

- Graduated in June 2022.

CERTIFICATIONS

Claude Code 101 | Backend Development | Claude Code in Action

LANGUAGES

English - Professional working proficiency | Hindi - Native or bilingual proficiency