

# BHUMIL PARATE

## Full Stack Developer

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### SUMMARY

**Full Stack Developer** with 3+ years of experience designing and delivering scalable web applications using PHP, Laravel, RESTful APIs, and MVC architecture, with strong backend expertise and modern frontend exposure. Proven ability to integrate payment gateways, third-party APIs, and relational/NoSQL databases, while supporting cloud deployments, CI/CD workflows, and performance optimization in agile environments.

### SKILLS

**Programming Languages:** PHP, JavaScript (ES6+), SQL

**Backend & Architecture:** Laravel, Node.js, Express.js, RESTful API Development, Microservices Architecture, MVC Architecture, Middleware, API Versioning, Service-to-Service Communication

**API Standards & Integrations:** OpenAPI Specification, API Design & Documentation, Contract-First API Development, Stripe API, PayPal API, Shopify APIs, Amazon APIs

**Frontend Development:** Vue.js, React.js, Redux, HTML5, CSS3, Responsive UI Development

**Databases & Data Management:** MySQL, MongoDB, PostgreSQL

**Testing & Security:** Unit Testing, Integration Testing, API Testing, Regression Testing, Mocking, Webhook Validation, JWT Authentication, OAuth 2.0, Role-Based Access Control (RBAC), OWASP-Compliant Secure Design, HTTPS, TLS Encryption, AWS IAM, Secrets Management, Secure Configuration, CI/CD-Based Security Controls

**Cloud, DevOps & Infrastructure:** AWS Fundamentals (EC2, S3, RDS), Docker, Nginx, CI/CD Concepts

**Engineering Practices & Tools:** Git, GitHub, Version Control, Agile Collaboration, SOLID Principles, REST Architecture, Secure Coding Practices, Performance Optimization

### EXPERIENCE

#### Full Stack Developer | SIEMENS | CANADA

Aug 2025 – Present

- Built Laravel (PHP) REST APIs using MVC, OOP, secure design, JWT, OAuth2, RBAC, integrated Vue.js/React.js frontends, ensured OWASP-compliant, HTTPS-secured communication.
- Designed API workflows, modeled MySQL transactional schemas, implemented MongoDB event logging, integrated Stripe, PayPal, Shopify, Amazon APIs, ensuring secure, auditable, scalable payment processing.
- Containerized services with Docker, deployed on AWS (EC2, Nginx routing), automated delivery via CI/CD pipelines, enabling scalable cloud-native deployments and operational reliability.
- Implemented DevOps and security practices including TLS, IAM, secrets management, role-based access, secure configuration, and governance-aligned system architecture.
- Established testing frameworks using unit, integration, regression, API testing, mocking, webhook validation, integrated into CI/CD workflows for continuous quality assurance.

#### Backend Developer | LUCKIMEDIA | INDIA

Jan 2021 – Dec 2023

- Architected scalable RESTful services applying MVC patterns and object-oriented design to meet high-traffic business requirements, delivering reliable backend functionality that supported rapid feature expansion and long-term maintainability.
- Built and maintained RESTful APIs in Express.js, handling authentication, request validation, middleware pipelines, and service-to-service communication for modular backend components.
- Delivered production-ready commerce solutions by creating and supporting public marketplace applications, addressing merchant configuration, checkout customization, and sales enablement workflows within large-scale partner ecosystems globally deployed.
- Integrated external payment and commerce services, orchestrating transaction lifecycles, refunds, and data synchronization to ensure accurate financial processing, compliance readiness, and dependable cross-platform interoperability at scale.
- Orchestrated full lifecycle feature delivery by coordinating server-side logic with client-facing behavior, ensuring cohesive functionality, consistent business rules, and seamless user experiences across distributed application layers.
- Improved system stability and performance by diagnosing production issues, optimizing APIs and database queries, and reducing recurring defects by 25–30%.
- Supported early-stage development by implementing interface enhancements and backend logic, managing relational and non-relational data validation, and refining code quality to improve usability and maintainability.

### EDUCATION

#### Graduate Certificate in Web Design & Development

Conestoga College | Canada

Aug 2025

#### BTech in Information Technology

GTU | India

Jul 2021