

# PRANAY TEJA BADDAM

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## PROFESSIONAL SUMMARY

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Senior Full-Stack Developer with 7+ years building scalable web applications for SaaS, fintech, and healthcare industries. I recently completed nearly 3 years at Bigtincan where I delivered \$24K in annual AWS cost savings, led critical PHP 7.1 to 8.3 migration, and architected enterprise CRM integrations serving Fortune 500 clients. Expert in Laravel ecosystem with proven track record building high-performance APIs processing millions of daily requests and mentoring engineering teams. Passionate about Test-Driven Development, achieving 80%+ code coverage and reducing production incidents by 40-45%. Seeking a senior engineering role where I can leverage my expertise in PHP, Laravel, AWS, and modern DevOps practices to drive technical excellence and measurable business impact.

## TECHNICAL SKILLS

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### Languages & Frameworks

- PHP 7.x/8.x, Python 3.x, JavaScript (ES6+), TypeScript, SQL
- Laravel 8/9/10/11, Livewire, Symfony, Django, FastAPI
- Vue.js, React, jQuery, Tailwind CSS, Bootstrap, Filament

### Databases & Caching

- MySQL 5.7/8.0, MSSQL 2012/2016, PostgreSQL, Redis, Memcached

### DevOps & Cloud

- Docker, Kubernetes, Jenkins, GitLab CI, GitHub Actions
- AWS (EC2, RDS, ElastiCache, S3), Microsoft Azure (AZ-900 Certified)

### Development Practices

- RESTful API Design, Test-Driven Development (TDD)
- PHPUnit, Pest, SOLID Principles, Design Patterns, Agile/Scrum
- Git, JIRA, Postman, Code Review, CI/CD Pipelines

## PROFESSIONAL EXPERIENCE

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### Software Engineer

*Bigtincan – Glasgow, Scotland, United Kingdom / January 2023 to November 2025 (2 years 11 months)*

*Global leader in AI-powered sales enablement automation serving Fortune 500 enterprises.*

- Architected and maintained backend services for enterprise-grade content management platform serving millions of users across 200+ global organizations
- Designed and optimized MySQL data models and complex queries to support high-throughput operations processing 1M+ requests daily
- Developed and extended versioned RESTful APIs consumed by web, mobile, and third-party integrations
- Implemented CI/CD pipelines using Docker and Kubernetes to automate testing, deployment, and environment management across AWS infrastructure
- Collaborated with cross-functional teams (product, design, QA) to deliver user-centric features in 8-week agile sprints

### Key Achievements:

- Identified and resolved Redis caching inefficiency, reducing AWS costs by \$2,000/month (\$24K annual savings) while improving cache hit ratio from 72% to 94%
- Led complete PHP 7.1 to 8.3 migration for monolithic codebase, improving application performance by 25-30% and eliminating critical security vulnerabilities
- Mentored junior engineers through code reviews and conducted technical interviews to scale backend team
- Established PHPUnit testing standards achieving 80% code coverage, reducing production incidents by 40-45%

**Technical Stack:** PHP 8.3, Laravel 10, MySQL 8, Redis, Docker, Kubernetes, AWS (EC2, RDS, ElastiCache, Cloudwatch, SQS), PHPUnit/Pest, REST API, Git, JIRA

## PHP Developer

*Dynamo – The Buy to Let Business – Camberley, England, United Kingdom | September 2020 to September 2022 (2 years 1 month)*

*UK-based buy-to-let mortgage specialist serving property investors and landlords nationwide.*

- Led full-stack development for customer-facing websites and internal business applications serving 5,000+ active property investors
- Architected and executed complete platform migration from legacy Drupal/CiviCRM to modern Laravel framework
- Designed and implemented RESTful APIs for third-party lead generation and CRM integrations
- Maintained and enhanced WordPress marketing sites generating 500+ monthly qualified leads
- Collaborated with business stakeholders to translate requirements into technical solutions that improved operational efficiency

## Key Achievements:

- Successfully migrated entire customer database and CRM system from Drupal/CiviCRM to Laravel, reducing page load times by 60% (from 3.5s to 1.4s) and cutting monthly hosting costs by £100
- Built Laravel-based lead injection API processing 2,000+ mortgage enquiries monthly from third-party providers, increasing lead volume by 35%
- Developed Deal Tuner gamification platform integrating with Unifi Controller API, improving sales team engagement and increasing deal closure rates by 18%
- Created automated Wi-Fi credential rotation system using Unifi API, reducing IT support tickets by 40% and improving office security compliance
- Optimized MySQL database queries and indexes across legacy Drupal applications, reducing server response times by 45%
- Maintained 99.5% uptime across 4 production websites during 2-year tenure with zero critical data loss incidents

**Technical Stack:** PHP 7.4/8.0, Laravel 8/9, Drupal 7/8, WordPress, CiviCRM, MySQL 5.7, JavaScript, jQuery, Bootstrap, REST API, Git, Unifi Controller API

## Full Stack PHP Developer

*Meditab Software Pvt. Ltd – Ahmedabad, Gujarat, India | January 2018 to August 2020 (2 years 8 months)*

*Leading healthcare IT solutions provider serving 40+ medical practices across the United States with Electronic Health Records (EHR) and practice management software.*

- Developed and maintained HIPAA-compliant healthcare applications for 40+ US-based medical practices serving 200,000+ patients
- Performed production troubleshooting and root cause analysis for time-critical healthcare systems with 24/7 uptime requirements
- Conducted daily code reviews for 5-member development team and managed releases to staging/production environments using Jenkins and GitLab
- Optimized complex SQL queries and stored procedures across MSSQL and MySQL databases supporting clinical workflows
- Integrated third-party medical systems using SOAP APIs for bi-directional data exchange with .NET backend services
- Designed and implemented audit logging systems using database triggers to ensure regulatory compliance
- Created dynamic patient portal interfaces using HTML5, CSS3, JavaScript, and jQuery

## Key Achievements:

- Optimized 25+ slow-running MSSQL queries processing patient records, reducing average report generation time from 45 seconds to 5 seconds (85% improvement) and eliminating timeout errors during peak clinic hours
- Implemented automated SQL job schedulers for overnight data processing tasks, reducing manual intervention by 70% and ensuring morning report availability for clinic staff
- Developed cross-domain communication framework enabling secure data exchange between PHP frontend and .NET services, supporting 15+ client integrations

- Configured and customized FCKeditor and e-signature capture tools for 12 medical practices, reducing patient intake time by 25% and improving documentation accuracy
- Built automated CSV report generation system extracting data from 50+ database tables, saving medical administrators 10+ hours weekly in manual report compilation
- Converted HTML/CSS clinical templates to PDF format for electronic faxing, processing 5,000+ patient documents monthly
- Maintained detailed error logging and monitoring systems, reducing mean time to resolution (MTTR) for production issues from 4 hours to 45 minutes
- Mentored 3 junior developers through pair programming and code review sessions, improving team code quality score by 35%
- Participated in bi-weekly status calls with US-based clients across multiple time zones, maintaining 95%+ client satisfaction rating

**Technical Stack:** PHP 5.6/7.4, MySQL 5.6, Microsoft SQL Server 2012/2016, JavaScript, jQuery, HTML5, CSS3, Bootstrap, AJAX, JSON, SOAP API, Jenkins, GitLab, FCKeditor, Windows Server

## PROJECTS

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### **Job Applications Tracker** | [github.com/pranayb2773/job\\_tracker](https://github.com/pranayb2773/job_tracker)

Laravel 12 application for tracking job applications with AI-powered CV analysis, built with Livewire, Flux UI Pro, and Tailwind CSS. Features real-time application tracking, automated CV parsing, and personalized job matching recommendations.

### **Car Park Booking API** | [github.com/pranayb2773/carpark-booking-api](https://github.com/pranayb2773/carpark-booking-api)

RESTful API built with Laravel 12 (PHP 8.2) for checking car park availability, calculating dynamic pricing, and managing bookings. Implements token-based authentication using Laravel Sanctum with comprehensive API documentation.

### **Portfolio Website** | <https://github.com/pranayb2773/pranayb2773.github.io>

Personal portfolio website with HTML5, Tailwind CSS, Javascript to showcasing projects, skills, and professional experience with responsive design, SEO optimization, and custom domain deployment

### **Todo List REST API** | [github.com/pranayb2773/todo-list-api](https://github.com/pranayb2773/todo-list-api)

RESTful API demonstration project built with Laravel showcasing CRUD operations, authentication with Laravel Sanctum, and API best practices. Includes comprehensive endpoint documentation and automated testing suite.

## CERTIFICATIONS & EDUCATION

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### **Microsoft Azure Fundamentals (AZ-900)**

*Microsoft*

### **Laravel & Vue.js Full-Stack Development**

*Udemy*

### **PHP, Bootstrap, and SQL Training & Certification**

*Meditab Software Pvt Ltd*

### **Bachelor of Science (Computer Science)**

*Lovely Professional University – Jalandhar, Punjab, India*