

# ABHILASH P R

Senior Software Developer | Team Lead | Backend & Full-Stack Specialist

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## PROFESSIONAL SUMMARY

Senior Software Developer and Team Lead with **8+ years of experience** in designing, developing, and delivering **scalable, high-performance web and mobile applications**. Strong expertise in **Python, Django, REST APIs, microservices architecture, and database design and optimization** using PostgreSQL and MySQL.

Proven leader with hands-on experience managing **full-stack development teams**, overseeing **end-to-end project lifecycles**, and delivering **70+ enterprise-grade solutions** across multiple domains. Adept at backend architecture, cloud deployment, system optimization, and mentoring developers. Experienced with **AWS, Azure, GCP, and Oracle environments**, and certified in **Oracle Generative AI**.

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## TECHNICAL SKILLS

### Core Technologies & Primary Expertise

- Python: Django (Advanced), FastAPI, Flask, Generative AI
- Backend Development: RESTful APIs, Microservices Architecture, API Design & Integration
- Databases: PostgreSQL, MySQL (Expert Level)

### Leadership & Project Management

- Full-Stack Team Leadership & Mentoring
- End-to-End Project Delivery
- Agile / Scrum, Sprint Planning, Code Reviews

## Frontend & Application Development

- JavaScript: React.js, Vue.js, Node.js
- Frontend: HTML5, CSS3, AJAX, Responsive Design
- Mobile: Flutter (Cross-Platform)

## Other Technologies

- PHP: Laravel, CodeIgniter, Core PHP
- NoSQL: MongoDB, Firebase

## Cloud, DevOps & Servers

- Cloud Platforms: AWS (EC2, S3, RDS – Basic), Microsoft Azure (Basic), Google Cloud Platform (Basic)
- DevOps: Docker, CI/CD Pipelines
- Oracle: Oracle Database, Oracle VBCS, Oracle Server – Basic Administration

## Tools & Platforms

- Git, GitHub, GitLab
- Postman, VS Code
- Jira, Confluence

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## CORE COMPETENCIES

- **API Design & Integration:** Secure, versioned REST APIs; third-party integrations; webhooks; OAuth and token-based authentication.
- **Microservices Development:** Modular, loosely coupled services; scalable architectures using Django and FastAPI.
- **Database Architecture & Optimization:** Schema design, normalization, indexing, query optimization, and performance tuning.
- **Scalable System Design:** High-availability systems, large-scale data handling, horizontal scaling strategies.
- **Performance Tuning & Debugging:** Bottleneck identification, response time optimization, profiling, and memory management.
- **Clean Code & Best Practices:** SOLID principles, design patterns, reusable and testable code, refactoring.
- **Secure Application Development:** RBAC, encryption, secure authentication, OWASP best practices.
- **Cloud & Deployment Readiness:** AWS, Azure, GCP, Oracle; Docker-based deployments; CI/CD pipelines.

- **Team Leadership & Collaboration:** Mentoring, sprint planning, estimations, technical decision-making.
  - **End-to-End Product Delivery:** Requirement analysis, architecture, development, testing, deployment, and support.
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## PROFESSIONAL EXPERIENCE

### Senior Software Developer & Team Lead

Senscript.ai | Sept 2023 – Present

- Lead and manage a full-stack development team, handling system architecture, sprint planning, and delivery.
- Design and develop scalable backend systems using **Django, Python, PostgreSQL, and MySQL**.
- Conduct code reviews, performance optimization, and security implementations.
- Coordinate with clients, product owners, and cross-functional teams.

#### Key Projects:

- **E-Learning Platform (USA):** LMS for employee training, exams, progress tracking, and secure video streaming (Django, React Vite, PostgreSQL).
- **AI Live Chatbot Platform:** Generative AI chatbot with custom training, intent handling, and Django admin workflows.
- **B2B Business Management System:** Referral systems, reward points, automation workflows (Django backend, Flutter & React apps).
- **Oracle VBCS Client Modules:** Custom forms, reports, and automated workflows.
- **GovCubes – Oracle DB Management Tool:** UI for managing Oracle DB schemas and queries via REST APIs.
- **WabeeConnect:** WhatsApp automation and bot builder using React Flow.

**Delivered:** 10+ Web Platforms | 3+ Mobile Applications

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### Software Engineer

Redcherry Solutions | Oct 2022 – Aug 2023

- Developed full-stack applications using **PHP, Vue.js, and MySQL**.
- Built scalable booking and entertainment platforms.

## Key Projects:

- MovieClick – Online movie ticket booking and theatre management system.
  - MovieClick Distribution – Film distribution and revenue management platform.
  - Self-Booking Kiosk – Standalone ticket booking system integrated with backend services.
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## Software Engineer

Matrimony.com | Mar 2022 – Oct 2022

- Worked on a high-traffic matrimony platform backend.
- Optimized database queries and improved system performance.
- Contributed to legacy system modernization and cloud migration.

### Key Contributions:

- User management, profile matching, service integrations.
  - Admin panel modernization using React.
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## Software Developer

Noviindus Technologies | May 2018 – Mar 2022

- Delivered **40+ websites and 20+ mobile applications**.
- Built scalable systems across e-commerce, education, booking, and MLM domains.

### Notable Projects:

- **Babycare – Multi-Store Shopping System:** Multi-branch inventory, centralized order processing, role-based admin controls.
- **ShobikaWeddings – Wedding Shopping Portal:** End-to-end e-commerce workflows with scalable backend architecture.
- **MyVion – MLM + E-Commerce Platform:** Hierarchical MLM engine with automated commission calculations.
- **AccountSVG – Gold Stock Management System:** Secure inventory tracking and audit-friendly reporting.
- **Safaribus – Bus Ticket Booking System:** Trip scheduling, seat allocation, vendor management.
- **HoneySIELTS – Online IELTS Coaching Portal:** Zoom integration, assessments, and student performance tracking.

- **Artista – Talent Recruitment Platform:** Artist profiles, media uploads, job applications, admin dashboard.
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## Web Developer (Intern)

Zaliyo Technologies | Jan 2018 – Apr 2018

- Developed e-commerce and government websites using PHP & MySQL.
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## ACADEMIC PROJECT

### Tracker-i

GPS-based school bus tracking system with live streaming, route tracking, and parent notifications.

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## CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional
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## EDUCATION

- **MCA**, Center for Computer Science & IT, Wayanad (2014–2017) – **74%**
  - **BSc Computer Science**, IHRD Model College (2011–2014) – **74%**
  - **Higher Secondary**, Govt HSS Thariode – **67%**
  - **SSLC**, Nirmala HS Thariode – **72%**
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## PERSONAL DETAILS

- Date of Birth: 30 April 1994
  - Blood Group: A+
  - Hobbies: Listening to music, walking, playing cricket, watching movies
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