

## AKSHAY KUMAR

### Backend Developer

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### PROFESSIONAL SUMMARY

Detail-oriented Backend Developer with 2 years of experience building scalable and secure web applications. Specialized in PHP frameworks (CodeIgniter 3, Laravel) and JavaScript environments (Express.js, Node.js) with expertise in MySQL and MongoDB. Proven ability to optimize database performance, develop RESTful APIs, and implement robust authentication systems. Committed to delivering efficient, maintainable code through collaborative development practices.

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### PROFESSIONAL EXPERIENCE

#### Backend Developer

 **Eracom Technologies Pvt Ltd** | Chandigarh, India  
*November 2023 - Present*

- Architected and implemented backend systems using CodeIgniter 3 and Express.js, improving system reliability by 25%
- Designed and optimized RESTful APIs that reduced response times by 40% and enhanced overall application performance
- Developed efficient database schemas and queries across MySQL and MongoDB environments
- Implemented secure authentication mechanisms using JWT and OAuth with multi-factor authentication support
- Successfully integrated multiple third-party APIs including payment gateways, email services, and data processing tools
- Collaborated closely with frontend teams to ensure seamless API integration and responsive UI/UX implementation
- Reduced application load time by 35% through performance optimization and code refactoring

#### Backend Developer

 **Mind Roots Pvt Ltd** | Chandigarh, India  
*May 2023 - November 2023*

- Developed robust backend solutions using Laravel framework for multiple client projects
- Created and documented RESTful APIs that powered cross-platform mobile applications

- Implemented comprehensive authentication and authorization systems with role-based access control
  - Optimized database performance through query refinement and schema improvements
  - Participated in daily code reviews and technical discussions, fostering team knowledge sharing
  - Maintained 95% code test coverage for critical application components
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## TECHNICAL SKILLS

### Backend Development

- **PHP Frameworks:** CodeIgniter 3, Laravel
- **JavaScript/Node.js:** Express.js, Node.js
- **API Development:** RESTful API design, API documentation, Swagger
- **Authentication:** JWT, OAuth, Multi-factor authentication

### Database & Tools

- **Database Management:** MySQL, MongoDB
  - **Database Skills:** Schema design, Query optimization, Database security, Indexing
  - **Development Tools:** Git, GitHub, Postman, VS Code, Docker (basic)
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## KEY PROJECTS

### Authentication System

*A secure, scalable authentication service*

- **Tech Stack:** Node.js, Express.js, MongoDB
- **Features:** JWT authentication, OAuth integration, Role-based access control, Password hashing
- **Achievements:** Enhanced system security, implemented multi-factor authentication, reduced authentication time by 30%

### API Development & Optimization

*Redesigned legacy API architecture*

- **Tech Stack:** CodeIgniter 3, MySQL
- **Features:** RESTful endpoints, request validation, response caching
- **Achievements:** Improved response times by 40%, implemented comprehensive documentation

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## EDUCATION

### Bachelor of Science (BSc)

 T.J.C.M Govt Degree College | 2019 - 2022

#### Relevant Coursework:

- Web Development & Design
- Database Management Systems
- Software Engineering & Design Patterns
- Data Structures & Algorithms
- Object-Oriented Programming

#### Academic Achievements:

- Maintained excellent academic performance throughout the program
- Participated in various technical workshops and coding competitions

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## LANGUAGES & INTERESTS

 **Languages:** English (Professional), Hindi (Native)

#### Professional Interests:

- Full-stack Web Development
- Open Source Contributions
- Technical Documentation
- Exploring New Technologies
- Problem Solving & Algorithm Optimization