**AKSHAY BHARATHAN**

**Python Developer |** Thrissur, Kerala | +91 8136997709 | [Akshay.python.tinos@gmail.com](mailto:Akshay.python.tinos@gmail.com) | linkedin.com/in/akshay-bharathan-754753269

**PROFFESSIONAL SUMMARY**

Python Developer with 1+ year of experience in full-stack web development, API development, and database management. Proven expertise in building scalable web applications, RESTful APIs, and implementing secure authentication systems. Strong background in Django, FastAPI, Node.js, and database optimization. Demonstrated ability to deliver high-quality software solutions in Agile environments.

**CORE TECHNICAL SKILLS**

* **Programming Languages:** Python, JavaScript, SQL, HTML5, CSS3
* **Backend Frameworks:** Django, FastAPI, Node.js, Express.js
* **Frontend Technologies:** HTML5, CSS3, Bootstrap, JavaScript, Responsive Design
* **Database Systems:** MySQL, PostgreSQL, SQLite, Database Design, Query Optimization .
* **API Development:** RESTful APIs, API Documentation, Swagger, Postman, Authentication .
* **Architecture Patterns:** MVC, Component-Based Architecture, Separation of Concerns .
* **Version Control:** Git, GitHub, Branch Management, Code Review .
* **Development Tools:** Visual Studio Code, Postman, Swagger UI, Chrome DevTools .
* **Testing:** Unit Testing, Integration Testing, API Testing, Pytest .
* **Methodologies:** Agile/Scrum, Test-Driven Development, Code Review Process .
* **Security:** OAuth Integration, JWT Authentication, Input Validation, Data Encryption.

## PROFESSIONAL EXPERIENCE

### Python Developer | Tinos Software And Security Solutions LLP

**May 2024 – Present**

**Project: Job Portal API Development**

* Developed comprehensive job seeker management system serving 2000+ registered users
* Built secure multi-channel registration system with email signup and OAuth integration (Google, LinkedIn)
* Designed and implemented user profile management system with resume builder functionality
* Created file upload system supporting multiple formats (PDF, DOC, DOCX) with validation and security checks
* Implemented profile completion tracking increasing user engagement by 40%
* Developed real-time notification system for job alerts and recommendations
* Optimized database queries resulting in 50% faster profile loading times

**Key Technologies:** Python, Django, MySQL, OAuth APIs, JWT Authentication, File Processing

### Backend Developer | Jazz Solution

**May 2024 – December 2024**

**Project: Car Rental Management API**

* Built scalable REST API using Django framework handling 1000+ daily transactions
* Designed normalized database schema with 8+ interconnected tables for optimal data integrity
* Implemented MVC architecture pattern ensuring 95% code maintainability score
* Created custom middleware for request logging, rate limiting, and comprehensive error handling
* Developed booking system with real-time availability checking and conflict resolution
* Integrated payment processing system with automated invoice generation
* Achieved 99.9% API uptime through robust error handling and monitoring

**Key Technologies:** Python, Django, MySQL, RESTful APIs, Payment Integration, Database Design.

## EDUCATION

**Bachelor of Computer Science** | Ongoing  
Rabindranath Tagore University, Bhopal