UTSAV THAKKAR

BACKEND DEVELOPER

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PROFESSIONAL SUMMARY

Results-driven Backend Developer with 3+ years of proven experience designing and delivering scalable backend solutions using Python and Django. Expertise in RESTful API development, IoT integration, cloud deployment, and real-time data processing. Demonstrated ability to manage 5+ concurrent live projects while maintaining high code quality. Seeking a Backend Developer role to leverage technical expertise and contribute to Dubai's growing fintech and IoT ecosystem.

CORE COMPETENCIES

- Backend Architecture
- API Design
- IoT & Real-time Data Processing
- Problem Solving & Ownership

- Scalable
- High-Availability Systems
- Database Design & Optimization
- Cross-functional Collaboration

- Cloud Deployment (AWS)
- Docker
- RESTful API Development
- Leading Technical Teams

PROFESSIONAL EXPERIENCE

Associate Backend Developer

Rewardz (Subsidiary of Benefit One) | Singapore   *June 2024 – Present*

- Developed backend systems for RAAS (Rewards as a Service) platform serving global enterprise clients across multiple industries
- Implemented client-specific requirements with 95%+ on-time delivery, ensuring seamless API integration with 10+ third-party services
- Collaborated with cross-functional teams (Product, Frontend, QA) to deliver scalable microservices handling 50K+ daily transactions
- Optimized database queries using Django ORM best practices, reducing API response time by 35%
- **Tech Stack:** Python, Django REST Framework, PostgreSQL, AWS, Docker

Software Developer

SrashtaSoft | Ahmedabad   *October 2021 – February 2024*

- Successfully managed 5+ concurrent live production projects generating $500K+ annual revenue
- **RAAS Platform Development:** Built comprehensive rewards management system enabling customized reward workflows across 20+ enterprise clients globally
- **RaychemRPG (Automation):** Engineered real-time IoT data monitoring system using MQTT + Django REST Framework for automated electric glove production, reducing defects by 40%
- **HikEMM (Energy Management):** Developed real-time energy consumption monitoring platform with analytics dashboards, enabling clients to reduce operational costs by 20-30%
- **Datesafe (SaaS Platform):** Built backend for matchmaking dating platform with advanced recommendation algorithms and real-time notifications
- Designed and deployed secure REST APIs with JWT authentication, rate limiting, and comprehensive error handling

- Implemented database optimization techniques (indexing, query optimization, connection pooling) improving system performance by 45%
- Managed payment integrations (Stripe, Razorpay) processing 1000+ transactions/month with 99.9% success rate
- **Tech Stack:** Python, Django, PostgreSQL, MySQL, MQTT, AWS, Docker, Redis, Celery

TECHNICAL SKILLS

Languages & Frameworks: Python (Expert), Django, Django REST Framework, MQTT Protocol

Databases: PostgreSQL, MySQL, Database Design & Optimization, ORM (SQLAlchemy)

Cloud & DevOps: AWS (EC2, RDS, S3, Lambda), Docker, Linode, Git/GitHub/GitLab, CI/CD Pipelines

APIs & Integrations: RESTful APIs, JWT Authentication, Stripe, Razorpay, Twilio, SendGrid

Tools & Platforms: Jira, Swagger UI, Kibana, Postman, Linux, HTML/CSS

EDUCATION

Master of Technology (Computer Engineering)

Chandubhai S. Patel Institute of Technology, CHARUSAT | Anand   *Graduated: May 2025*

Bachelor of Engineering (Information Technology)

U.V. Patel College of Engineering, Ganpat University | Mehsana   *Graduated: May 2022*

AWARDS & ACHIEVEMENTS

Best Supportive Team Member Recognition – Awarded by Hikar for outstanding support, responsiveness, and strong commitment to project success (2023)

ADDITIONAL INFORMATION

Languages: English (Fluent), Hindi (Native)

Relocation: Open to immediate relocation to Dubai, UAE