Biswadeep Baruah

Software Developer

Assam, Gurgaon — +91 8011245653 — bswbrh3@gmail.com — github.com/Biswa17 — linkedin.com/in/biswa-baruah

PROFESSIONAL SUMMARY

Highly skilled backend developer with strong proficiency in Python and Laravel, offering over a year of experience in creating efficient and scalable solutions. Proven track record in developing e-commerce platforms, microservices architecture, and API integrations. Seeking challenging opportunities to leverage expertise and contribute to dynamic organizations.

CORE COMPETENCIES

- **Backend Development:** Python, PHP, Laravel, Flask
- **Database Management:** MySQL, MongoDB
- **API Development:** RESTful APIs, Third-party integrations
- **Architecture:** Microservices, Scalable system design
- **Tools & Technologies:** Git, Postman, Search services integration
- **Specializations:** E-commerce platforms, Multi-language applications

TECHNICAL SKILLS

Languages: Python, PHP
Frameworks: Laravel, Flask
Databases: MySQL, MongoDB
Tools: Git, Postman

WORK EXPERIENCE

Backend Developer — Tata Trent (Star Quik) (March 2024 – Present)

Python Developer (Odoo ERP) *First 11 months*
- Developed and maintained a Python-based ERP system using the Odoo framework.

PHP Developer (Laravel) *Subsequently*
- Transitioned to the Star Bazaar application team, focusing on backend development with PHP and Laravel.
- Played a key role in migrating the system from an in-house Odoo ERP to a third-party Vinculum solution, enhancing scalability and performance.

Backend Developer — Expand My Business (Oct 2022 – Feb 2024)

PHP Developer *Feb 2023 - Feb 2024*
- **Snabbcom (Feb 2023 - May 2023):** Developed backend for e-commerce website creation platform using Laravel; Designed and implemented RESTful APIs for seamless frontend-backend communication; Implemented security measures and optimized system performance.
- **Tata Star Delite & Star Quik (May 2023 - Nov 2023):** Contributed to live Tata projects using microservice architecture; Integrated Wizzy search services for improved search functionality; Implemented email/SMS integration with various third-party services.
- **Socialee E-commerce App (Sept 2023 - Ongoing):** Developed backend for e-commerce app with innovative reel feature; Implemented multi-country, multi-language support (Arabic/English); Created unique earning model for content creators to monetize their work; Facilitated delivery operations across Dubai, Riyadh, and India markets.

Python Developer *Oct 2022 - Feb 2023*
- **Expand My Business Development:** Developed backend for B2B marketplace connecting vendors and clients; Built scalable features across e-commerce, ERP, gaming, and digital marketing verticals; Integrated

APIs and managed databases for optimal performance; Collaborated with cross-functional teams including sales, marketing, and delivery; Utilized internal Python-based project management tools for team coordination.

KEY PROJECTS

Cryptanalysis of Lightweight Block Cipher *2021*
- Conducted research on Twine-80 cipher vulnerability.
- Identified theoretical exploit reducing break time from 2^{80} to 2^{78}.

Parallel Programming Optimization *2018*
- Enhanced program efficiency using parallel programming techniques.

Regional Transport Office Vehicle Registration System *2016*
- Designed streamlined vehicle registration system for BTech project.
- Implemented data validation, user authentication, and database management.

EDUCATION

MTECH   University of Hyderabad   *2022*
CGPA: 81.30

BTECH   Jorhat Engineering College   *2018*
CGPA: 66.00

HSSLC   Vikas Vidyaniketan   *2013*
Percentage: 81.00

HSLC   Christ Jyoti School   *2011*
Percentage: 69.00

ACHIEVEMENTS

- Rising Star Award, Expand My Business (2023)
- Anundoram Borooah Award (2011)
- 37th position Maths Olympiad (2008)

LANGUAGES

Assamese (Native), English (Professional Proficiency), Hindi (Professional Proficiency)