AARYAN JHA

code.aaryanjha@gmail.com | linkedin.com/in/aaryanjha/ | jhaaaryan.com.np | github.com/ScreamingSyntax

Kathmandu, Nepal | +977 9745471881 | 01/16/2003

OBJECTIVE

To secure a challenging software engineering role where I can apply my expertise in ASP.NET Core and backend development to build scalable applications, contribute to impactful projects, and continue growing as a developer.

EXPERIENCE

Software Engineer

Vertex Special Technology   07/2024 - Present

- Developed Enterprise-level applications using ASP.NET Core.
- Integrated IoT-based biometric system for real-time employee attendance tracking using ASP.NET Core.
- Conducted knowledge transfer sessions among US, Nepal and Pakistan team.
- Coordinated with Business Analysts, Senior Developers, QA and Frontend Team throughout the product development for successful delivery.
- Implemented and worked on clean architecture.
- Deployed ASP.NET Core projects to IIS.
- Implemented Payment System in Accounting Software
- Implemented and maintained multi-tenant architecture.
- Implemented advanced Excel import/export functionalities using ASP.NET Core and the EPPlus library.

EDUCATION

Bachelors in Bsc Hons Computing

Itahari International College | (London Metropolitan Uni – affiliation)   02/2022 – 12/2024

Grade: **First Class Honors (Grade A – 74%)**

AWARDS AND ACHIEVEMENTS

Triple A Scholarship (2023) – Itahari International College

Third Place, 30 Second Pitch Challenge – Thammasat University, Thailand

TECHNICAL SKILLS

Programming Languages & Frameworks

- C#, ASP.NET Core (Proficient)
- Dart, Python, Flutter, Django (Familiar)

Database: MS SQL, PostgreSQL.

Microsoft Office Suite: Word, Excel, Powerpoint, Outlook

Source Control: Git

Webserver: IIS

PROJECTS

Yantra (Vertex Special Technologies)

- Integrated IoT-based biometric system for real-time employee attendance tracking using ASP.NET Core.

- Developed and maintained RESTful APIs using ASP.NET Core, handling modules like Attendance, Leave, inventory, asset, vacancy, reference material, referral management for a role-based HR System.

- Deployed the solution to IIS, designed scalable schemas, and ensured seamless role-based data access.

Numalrik (Vertex Special Technologies)

- Implemented core accounting modules including General Ledger, Balance Sheet, Trial Balance, and Profit & Loss Statement using ASP.NET Core, ensuring accuracy and compliance.

- Developed seamless data export functionalities in Excel (via EPPlus), PDF, and CSV formats with complex nested structures, optimized for zero memory overhead during processing.

- Implemented Stripe payment integration to handle secure transactions and subscription billing, enhancing the platform's monetization capabilities.

REFERENCES

Mr. Nabaraj Ghimire

Lead Software Engineer, Vertex Special Technologies
+977 9745471881