ATANU CHINA

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SUMMARY

Full Stack .NET Developer experienced in building web applications using ASP.NET Core, Angular, SQL Server, and CI/CD pipelines. Skilled in building scalable REST APIs, designing responsive UIs, and delivering reliable full-stack web solutions. Strong in debugging, clean architecture, performance optimization, and secure application development.

SKILLS

Programming Languages: C++, C#

Backend & Frameworks: ASP.NET Core (MVC + Web API), ASP.NET Boilerplate, REST APIs, Entity Framework Core, LINQ, SignalR, JWT Authentication, IdentityCore, Clean Architecture, SOLID Principles, NSwagStudio, Swagger

Frontend: Angular, JavaScript, TypeScript, HTML, CSS, Bootstrap, Razor Pages (MVVM Pattern), Kendo UI

Databases & Reporting Tools: SQL Server, MySQL, SSRS

Testing Frameworks: xUnit, Moq

Deployment & Tools: IIS (on-premises deployment), Git, GitHub, CI/CD Pipelines (GitHub Actions / Azure DevOps), Postman

EXPERIENCE

Primetals Technologies India Pvt. Ltd.| Kolkata, India

Software Development Engineer - Full Stack   **August 2024 – Present**

- Engineering onsite development of Web Application solutions using ASP.NET Core 8, Razor Pages and AJAX-based controller improving operational data access and reducing manual monitoring effort by 40%.
- Configured IIS deployment and integrated SSRS Reporting Server to automate report generation, reducing manual reporting effort and cost by 60% and enabling real-time data visualization for operations.
- Developed Web Application solutions using ASP.NET Boilerplate (.NET 8) and Angular 14, implementing lazy-loaded modules to enhance performance and scalability while ensuring efficient client-server communication.
- Utilized NSwagStudio to auto-generate TypeScript client services from Swagger JSON APIs and collaborated via GitHub repos for version control, managing pull, commit, and push operations by git command to maintain code integrity.
- Implemented ViewModel-based communication using Data Contracts, applying SOLID and Clean Architecture principles, and optimized SQL queries reducing backend load time by 90% (3 minutes to 20–30 seconds).

Tech Stack:

- ASP.NET Core (6–8), ASP.NET Boilerplate, REST APIs, Entity Framework Core, AJAX, SOLID, LINQ, Angular 14, JavaScript, TypeScript, Razor Pages (MVVM), Kendo UI, SQL Server, SSRS, IIS, Git, GitHub, NSwagStudio.

PROJECT

DatyHub Web Application | Dating-App   **June 2025 – July 2025**

- Designed a secure full-stack dating platform using ASP.NET Core Web API and Angular 18, following clean architecture principles and adding JWT Authentication and IdentityCore with Angular guards for secure routing and API access.
- Applied key user features in Angular, including profile browsing, likes, filtering, sorting, and pagination, and integrated with ASP.NET Core APIs using LINQ, AutoMapper, and DTOs, improving data retrieval speed by 30–40%.
- Configured Cloudinary with an API Key and API Secret for 100% reliable image upload, storage and deployed the full-stack application to Azure App Service using a CI/CD pipeline for automated build, test, and release workflows.

Tech Stack:

- ASP.NET Core Web API, JWT Auth, Entity Framework core, IdentityCore, Angular 18, TypeScript, Cloudinary, SQL Server, CI/CD (GitHub Actions), xUnit, Moq (Unit Testing).

EDUCATION

Government College of Engineering and Textile Technology, Berhampore | Berhampore, India

- B. Tech in Computer Science and Engineering | CGPA: 8.96 | June 2020 – June 2024