ARJUN T S

FULL STACK DEVELOPER

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[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PROFILE

Well-qualified Full Stack Developer familiar with a wide range of programming utilities and languages. Knowledgeable of backend and frontend development requirements. Handles any part of the process with ease. Collaborative team player with excellent technical abilities offering 1.5 years of related experience.

SKILLS

- **Languages and Frameworks** - JavaScript, TypeScript, Express.js, .NET, C#

- **Front-end Development** - Angular 16, NGRX, JQuery, HTML, CSS, Bootstrap, Handlebars, Embedded JavaScript

- **Back-end Development** - Node.js, Express.js, .NET Core, API design and integration, Mongoose, JWT (JSON Web Token)

- **Familiar with** -MongoDB Experience, PostgreSQL, MSSQL, Razorpay Integration, Cloudinary, Multer, Twilio, AWS-EC2, Route-53, NGINX, IIS (Internet Information Services), Git, Postman, Figma, VS Code, Microsoft Visual Studio

- **Tools and Concepts** - Data Structures and Algorithms (Searching, Sorting, Stack, Queue, Linked List, Hash Map, Tree, Trie, Graph), NGINX, Unit Testing and Debugging, Code Review and Refactoring, Responsive Web Design

PROJECTS

EasyPassPortal - Passport Management System   [GitHub](#)
EasyPassPortal simplifies passport management with application processing, tracking, and verification features.

- Optimized backend with **Dot.NET Core**, reducing system downtime by 25% and improving performance for over 10,000 users.

- Developed **cookie-based** authentication, enhancing login speed by 30% and securing user sessions.

- Built solutions for managing 200+ applications, verifying 1000+ documents, and generating detailed reports, hosted on **IIS (Internet Information Services)**.

Technologies Used - HTML5, CSS3, Bootstrap, JQuery, Dot.NET Core, C#, MSSQL, IIS.

TIREX - E-commerce Bicycle Shop   [Live](#) | [GitHub](#)
TIREX is an e-commerce application designed specifically for buying bicycles, featuring user account management, cart functionality, and secure payment integration.

- Enhanced backend performance using **Node.js**, delivering a 40% increase in efficiency and scalability with its non-blocking, event-driven architecture.

- Integrated **Twilio** API for **OTP** services, boosting user verification efficiency by 35% and enhancing security through SMS.

- Implements **cookie-based** authentication for user sessions, ensuring secure and seamless login experiences.

- Created admin interfaces for managing 500+ users, 1000+ products, and processing payments, hosted on **AWS (EC2)**.

Technologies Used - HTML5, CSS3, Bootstrap, Node.js, Express.js, EJS (Handlebars), MongoDB, Mongoose, RazorPay, AWS, Twilio, NGINX.

MINI PROJECTS

Netflix Angular Clone [GitHub]

- A Netflix clone application developed using **Angular 16**.

- Integrated the **TMDB API** for content fetching and updates.

User Authentication [GitHub]

- Created a simple User Authentication app using **Angular 16** as the front-end and **Node.js** as the back-end.

- **MongoDB** is used for storing and managing application data.

ASP.NET Web API [GitHub]

- A simple **Web API** crafted using **ASP.NET Core**, comprising **C#**, and **MSSQL**.

- CRUD operations are efficiently implemented to manage data persistence, ensuring seamless data manipulation and management capabilities.

EDUCATION

MEAN Stack Development   2023 - Present
Brototype, Ernakulam

Diploma in Mechanical Engineering   2019 - 2022
Malabar Polytechnic Campus, Palakkad