

KAVIN BALAMURUGAN

Web Developer | MEAN Stack Expert | UI Specialist

CONTACT

- +91 6383587148
- kavin.balamurugan2k@gmail.com
- Bangalore (Open to relocation)
- [linkedin.com/in/vakbkavin](https://www.linkedin.com/in/vakbkavin)

SKILLS

- Frontend Development:** Angular (v2-v18), React, Next.js, SCSS, Javascript (ES6+), TypeScript
- Backend Development:** ASP.NET Core (C#), Express.js, Python (FastAPI)
- Database Management:** MongoDB, Azure Blob Storage
- Tools & Platforms:** Adobe Experience Manager (AEM), Docker, Webpack, Handlebars, Swiper.js, Chart.js
- Others:** Responsive UI/UX, Performance Optimization, API Integration, Agile/Scrum

ACHIEVEMENTS

- Successfully presented an AI Translator app to business stakeholders, earning recognition and cheer points.
- Provided extended support for the AI Content Factory app, receiving additional accolades.
- Conducted team knowledge-sharing sessions on CSS Grid and participated in mentoring programs.

PROFILE SUMMARY

Web developer with 3.8+ years of experience delivering high-performance, scalable frontends and AI-powered applications in enterprise environments. Proficient in Angular (v2-v18), JavaScript (ES6+), TypeScript, Node.js, .NET core, and AEM. Known for end-to-end feature ownership, cross-functional collaboration, and driving measurable business impact through modern UI/UX and Generative AI solutions.

WORK EXPERIENCE

Cognizant Technology Solution

Associate

Jan 2024 - Present

- Developed a Generative AI Suite called Content Generator, consisting of modules for employee persona generation, translation, SEO optimization, and pitch creation.
- Contributed heavily to the **AI Translator module**, leading development efforts and integrating multilingual capabilities using Angular and ASP.NET Core.
- The suite is still actively scaling and evolving to support wider business use cases.
- Developed and maintained a scalable front-end for the **Creative Asset Management Platform (CAMP)** using JavaScript, Webpack, and AEM.
- Enabling seamless asset handling workflows and improving developer onboarding time by **50%**.
- Integrated Azure Blob Storage via Python APIs for content delivery and metadata pipelines.
- Actively debugged UI flows and collaborated with cross-functional teams to enhance user experience.
- Earned multiple **cheer points** and peer recognitions for ownership and delivery excellence.

Programmer Analyst

Jan 2022 - Dec 2023

- Built and integrated dynamic UI components for **Cognizant.com** using JavaScript, SCSS, Handlebars, and AEM.
- Delivered POCs in Angular 14 with Topaz Design System for global clients like **Pearson** and **Warner Bros.**
- Customized plugins such as **Swiper.js** and **Chart.js** to enhance **data visualization** and meet unique client requirements.
- Migrated healthcare pages to an EDS-based approach, **achieving measurable performance improvements**.

EDUCATION

Bachelor of Engineering - Mechanical Engineering

Kongu Engineering College (2017 - 2021)
| GPA: 7.8/10

PROJECTS

- **Generative AI Suite:** Developed for business use with modules for employee persona, translator, SEO generator, and pitch generator. Contributed extensively to the AI Translator module, which was presented to stakeholders and received recognition.
- **E-Commerce Website:** Built with features including an admin panel, JWT-based authentication, lazy loading, cart management, filter pipes, and a payment gateway.
- **Mini Projects:** Developed a flight booking app and mobile comparison app as part of Cognizant's GenC program.

CERTIFICATIONS

- GitHub Copilot Certification
- AWS Cloud Practitioner

LANGUAGES

- **Fluent:** English, Tamil
- **Basic:** Japanese, German

Programmer Analyst Trainee

Oct 2021 - Dec 2022

- Migrated legacy healthcare pages to modern, EDS-based architecture with noticeable performance gains.
- Built internal tools, including a Next.js SEO generator and employee availability tracker using MERN stack.
- Documented reusable components and UI standards in Storybook and Zeroheight, improving team efficiency.