

GUNASEKARAN P

Mobile: +91 9751143913

Email: gunapalani9@outlook.com

LinkedIn: [gunapalani-linkdin](#)

Designation: Software Engineer

Experience: 3 years

Summary:

Passionate Software Engineer experienced in building scalable web and mobile applications. Proficient in frontend, backend, cloud, and DevOps technologies. Skilled in developing admin panels, creating NPM/Flutter packages, and integrating third-party APIs. Microsoft-certified, active tech community contributor, and recognized for delivering business-critical features under tight deadlines.

Skills:

- Frontend Development: Angular, React, Flutter, Astro JS, Tailwind CSS.
- Backend Development: Node.js, .Net Core, Python.
- Database: SQL, MongoDB.
- Cloud Services: Azure, Firebase.
- API Development: REST API.
- Agile Methodologies: Scrum.
- Containerization: Docker.
- Package Management: Created and deployed NPM packages for React, Angular, and Flutter (Pub).
- Extensions: Shopify (Theme App & Checkout UI), Microsoft Teams (Tab & Bot), Zoho (CRM & Desk), Azure DevOps.
- CI/CD Tools: Azure DevOPS.
- Version Control: Git.
- CMS & Content: Strapi, HubSpot CRM.
- Microsoft Power Platform: Power Apps, Power BI, Power Automate, Power Virtual Agents.
- Others: Website SEO Specialist (Sitemap Creation & Optimization, Google Crawling & Indexing, On-Page SEO Optimization, Robots.txt Management, Keyword Research), Photoshop, GSAP (GreenSock Animation Platform), AOS (Animate On Scroll)

Certifications:

- Microsoft Certified: Azure Developer Associate (AZ-204)
- Microsoft Certified: Azure AI Engineer Associate (AI-102)
- Microsoft Certified: Azure Data Scientist Associate (DP-100)
- Most Valuable Professional (MVP) - C# Corner (Developer Community)
- 100 Days Python Bootcamp – Udemy

Experience:

Company: Peninsular Research Operations

Period: September 2022 - Present

Role: Software Engineer

Project : Reward Rally - Designed a comprehensive Gamification platform to boost user engagement.

- Designed database schema for Gamification and Redemption services.
- Developed **Gamification** and **Marketplace** services with **Node.js** and **MongoDB**.
- Implemented Redemption service using **.NET Core**, **C#**, and **SQL**.
- Implemented authentication and authorization using Azure **AD B2C** and **API key** authentication
- Incorporated third-party APIs (**QwikSilver**) in the redemption service to redeem vouchers directly within the application.
- Package Management: Designed and deployed **NPM packages** for **React and Angular**, as well as **Flutter packages** to their respective registries.
- Employed **Azure Functions** App to establish a serverless framework, addressing key functionalities including order processing, failure detection in orders, token generation and send emails.
- Implemented **Docker** for microservice and Azure function apps deployment.
- Utilized **Blob Storage** of **Azure Storage Account** for files and media management.
- Admin Panel: Developed a comprehensive client-side admin panel using **Angular**, with styling provided by **Tailwind CSS**.
- Website Development: Created a high-performance website using **AstroJS** with server-side rendering (**SSR**) for improved speed.

- Bus Booking App: Built a Flutter-based **bus booking application** tailored for client demonstrations and user interactions.
- **Teams Integration**: Developed a **Teams Tab and BOT extension** to integrate **Microsoft Teams** seamlessly into the Reward Rally platform.
- Built and deployed a **Shopify app** with **Checkout UI Extension, Theme App Extension**, and **Remix** framework to the **Shopify App Store**.
- CMS Development: Implemented a **Strapi CMS** to manage and render static content, including blogs and testimonials, on the website.
- CRM Integration: Integrated **HubSpot CRM** to streamline sales and marketing efforts, incorporating features like live chat and email tracking.

Project : Media Monitoring - Created a real-time dashboard for analyzing media metrics with interactive charts and secure authentication.

- Chart Creation: Developed various charts, including **word clouds and line charts**, for detailed data visualization.
- Real-Time Data Integration: Integrated real-time news data to ensure accurate and up-to-date information is displayed.
- Dashboard Development: Built a dashboard using **React and Redux** for comprehensive **media metrics analysis**.
- Authentication: Implemented Azure **ADB2C authentication** to secure access to the dashboard.
- Visualization: Utilized advanced charting techniques to effectively represent complex data and trends.

Project: Peninsular Research Operation and KYN Website - Built a site with AstroJS, GSAP, AOS, and Strapi CMS.

- Website Creation: Developed a high-performance website using **AstroJS (SSR)** with modern web technologies.
- Animations: Integrated engaging animations **with GSAP and AOS** to enhance the user experience.
- CMS Development: Implemented **Strapi CMS** for managing and displaying static content, including blogs and testimonials.
- PRO - <https://www.peninsularresearchops.com/>
- KYN - <https://www.kynhood.com>

Project: Debate Management System - Built a Power Apps mobile app with SQL and Power BI integration.

- Mobile App Development: Created a mobile app using **Power Apps**, integrating with a **SQL database** for data management.
- Data Handling: Enabled the capture and posting of debate speaker data from the app's **UI to SQL**.
- Forms and Lists: Implemented multiple forms and user lists to manage debate-related information efficiently.
- Visualization: Utilized **Power BI** for visualizing speaker participation and generating various charts.

Work Rewards/Recognition:

- Developed a **LinkedIn scraper** using **Python** and **Selenium** for Reward Rally to extract users who posted with **#RRTechX**, boosting engagement and visibility during the TechX Conference.
- Awarded **Recognition of Excellence** for converting the **Reward Rally React NPM package to Vanilla JS** for an ASP.NET client in a short time, ensuring compatibility and seamless integration.
- Recognized for quickly delivering **Shopify extensions** (Theme App & Checkout UI) for e-commerce clients, enabling Reward Rally integration with the Shopify ecosystem.
- Recognition for incorporating the **QwikSilver Redemption** into Reward Rally and ensuring timely delivery.
- **C# Corner MVP** for outstanding contributions to the C# community.
- Recognition for excellent work in creating a sandbox to facilitate the demo effectively for the **Flutter bus booking app**.
- **Runner-Up MLH**: (Major League Hacking) 72-Hour Virtual **Hackathon**.

Educational Profile:

Course	Institution	Board	Year	Percentage
MCA	University of Madras	University of Madras	2025	Pursuing
BCA	Aringer Anna Arts & Science College	Thiruvalluvar University	2022	76%
H.S.C.	GHS School	State Board	2019	71.2%
S.S.L.C.	GHS School	State Board	2017	76.6%