

# Arul Cornelious

## Software Engineer | Angular, TypeScript, C#, .NET, Mobile, AI Integration

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### PROFESSIONAL SUMMARY

Software Engineer with 5+ years of experience building enterprise web and mobile B2B applications using Angular, TypeScript, .NET, SQL Server, and AI integrations. Currently delivering full-stack solutions for eoCiTO's Manager Software platform in London. MSc Software Engineering (Merit) with the right to work in the UK. Open to full-time software engineering roles in the UK, EU, and relocation opportunities.

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### PROFESSIONAL EXPERIENCE

#### Full Stack Developer, eoCiTO — London, UK Apr 2024 – Present

- Delivered full-stack features for an enterprise B2B supply chain platform using Angular, Capacitor, C#.NET APIs, and SQL Server across Demand Manager and Contract Manager products.
- Led Demand Manager mobile delivery (Angular/Capacitor); iOS/Android from one codebase; 40% faster mobile order processing.
- Developed AI-powered social analytics features for Wenotme using OpenAI and Grok APIs.
- Published an open-source Angular Code Quality Toolkit as a Visual Studio Code extension.

#### Front-End Developer, Raspberry Info Systems — India (Remote) Sep 2023 – May 2024

- Angular/Bootstrap interfaces for internal business systems; WebSocket real-time updates (latency reduced from minutes to under 2 seconds).

#### Software Developer, eProdCast Software — Chennai, India May 2021 – Sep 2022

- ProdCast B2B collaboration platform (folder sharing, Smart Forms, schedulers) and Starport contract management (PDF, digital signing, SQL storage).
- Reduced contract turnaround by 60% through in-platform proposal and signing workflows.

#### Junior Developer, 10Decoders — Chennai, India Oct 2019 – Apr 2021

- EthOS Android app (Java, TalkBack accessibility); Venuelytics Angular/WebSocket booking UI; Geppetto low-code platform (Angular, Node.js, MongoDB).

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### TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, C#, SQL, Java, HTML, CSS, SCSS

**Front-End:** Angular, TypeScript, RxJS, Capacitor, Ionic, React, Tailwind CSS, Bootstrap

**Back-End:** .NET, ASP.NET Web APIs, C#, Microsoft SQL Server, Stored Procedures, REST APIs, Node.js, WebSocket, MongoDB, Firebase

**Other:** OpenAI/Grok API integration, Git, GitHub Actions, Agile/Scrum, CI/CD, VS Code Extension Development

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### EDUCATION AND CERTIFICATIONS

#### MSc Software Engineering (Merit)

University of Hertfordshire, UK | Jan 2023 – Feb 2025

#### B.E. Electronics and Communication Engineering

Kings Engineering College, Anna University, India | May 2019

- HackerRank: Software Engineer, SQL (Advanced), Problem Solving (5-star) — Verified
- MedGemma Hackathon — Clinic Inbox Assistant (AI healthcare triage)

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### ADDITIONAL INFORMATION

Languages: English (Fluent), Tamil (Native)

Work authorization: Right to work in the UK

Notice Period: 8 weeks

Open to full-time roles in the UK, EU, and relocation