

REEJAN R GOPAN

Software Engineer | Systems Engineer | Full-Stack Developer | Cloud and Generative AI

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SUMMARY

Software and Systems Engineer with 2+ years of experience in full-stack development, cloud infrastructure and enterprise IT administration in the UAE and India. Builds production web and mobile applications using React, TypeScript, Python, Node.js and Supabase/PostgreSQL. Manages Microsoft 365, Azure AD (Entra ID), Active Directory and Windows Server for 50+ users. Hands-on with AWS (Lambda, S3, EC2, ELB, Kinesis), CI/CD, Docker and Generative AI tools including Google Gemini, Vertex AI and Pinecone vector search. Seeking Software Engineer, Full-Stack Developer, Cloud Engineer or Systems Engineer roles.

SKILLS

- **Programming Languages:** TypeScript, JavaScript, Python, SQL, C#, C++, Java, PHP, Dart
- **Frontend Development:** React.js, Next.js, Tailwind CSS, shadcn/ui, HTML5, CSS3, Flutter, Responsive Web Design
- **Backend Development:** Node.js, Express.js, Flask, ASP.NET Core, REST APIs, Microservices
- **Databases:** PostgreSQL, Supabase, MySQL, MongoDB, Firestore, Pinecone
- **Cloud Platforms:** Amazon Web Services (AWS Lambda, Amazon S3, Amazon EC2, Elastic Load Balancing, Amazon Kinesis), Microsoft Azure, Vercel, Cloudflare, Netlify
- **DevOps:** Git, GitHub, CI/CD Pipelines, Docker, Linux (Ubuntu), Environment Configuration
- **Generative AI and Machine Learning:** Large Language Models (LLM), Google Gemini, Vertex AI, Retrieval-Augmented Generation (RAG), Vector Search, Embeddings, Sentence Transformers, Prompt Engineering, Machine Learning, GitHub Copilot
- **Systems Administration:** Windows Server 2019/2022, Active Directory, Group Policy (GPO), DNS, DHCP, Microsoft 365, Azure AD (Entra ID), Exchange Online, SharePoint, Microsoft Teams, Intune
- **Networking and Security:** TCP/IP, LAN/WAN, VPN, Firewalls, Cisco Routers and Switches, SSL/TLS, Conditional Access, Endpoint Security, Patch Management
- **Testing and Analytics:** Selenium, Google Analytics 4 (GA4), Google Search Console, Technical SEO, Google Ads

WORK EXPERIENCE

IT Systems and Digital Transformation Administrator

USF Group (USF Demolition Works LLC), Dubai, UAE | 01/2025 - Present

- Developed Waqti, a workforce attendance application (Android and web) using React, TypeScript and Supabase/PostgreSQL, digitising attendance tracking for site supervisors across multiple project sites.
- Built and deployed the company website (usfdemolition.com) using React, TypeScript and Tailwind CSS, with CI/CD through GitHub and hosting on Vercel and Cloudflare.
- Administered Microsoft 365 for 50+ users, including user provisioning, licence management, Exchange Online, SharePoint, Microsoft Teams and Conditional Access policies in Azure AD (Entra ID).
- Managed Windows Server 2019/2022, Active Directory, Group Policy, DNS and DHCP, plus VPS hosting, domains and corporate email, maintaining 99%+ uptime.
- Automated internal reporting and IT ticket categorisation using Python, LLM APIs and GitHub Copilot, saving approximately 5 hours of manual work per week.
- Implemented technical SEO, Google Analytics 4 tracking and Google Ads campaigns to grow organic and paid traffic for demolition services in Dubai and Abu Dhabi.
- Enforced IT security through endpoint protection, access reviews, firewall configuration and regular patch management.

IT Procurement and Support Specialist

Chimera Group, Dubai, UAE | 09/2024 - 12/2024

- Procured IT hardware, software licences and enterprise services through competitive tendering, reducing purchasing costs.
- Managed the IT asset lifecycle, including procurement, tagging, inventory tracking and disposal.
- Administered Office 365 user accounts, mailboxes and security settings, and supported ERP system operations.

- Provided Level 1 and Level 2 technical support for networks, workstations, CCTV and biometric access systems, and coordinated with ISPs to meet SLAs.

Network Administrator

Tata Consultancy Services (TCS iON), India | 03/2024 - 09/2024

- Configured and maintained Cisco routers, managed switches and firewall rules.
- Monitored network performance and resolved incidents to minimise downtime.
- Performed OS patching, antivirus updates, and scheduled backup and recovery.
- Documented network topology, standard operating procedures (SOPs) and IT asset records for audits.

PROJECTS

Waqti - Workforce Attendance Platform

Technologies: React, TypeScript, Supabase, PostgreSQL, Android

- Built an attendance and workforce management system with a supervisor Android app and a web dashboard for a multi-site construction business.
- Designed the PostgreSQL data model for staff, sites and attendance records on Supabase.

Trading Signal Platform (XAUUSD and BTCUSD)

Technologies: Python, Flask, REST APIs

- Developed a Flask web service that processes live gold and Bitcoin market data and generates trading signals.

SEO-Optimised Business Websites for UAE Clients

Technologies: React, TypeScript, Tailwind CSS, Vercel

- Delivered 3+ corporate websites that reached first-page Google rankings for target keywords within 90 days.
- Implemented schema markup, Core Web Vitals optimisation, XML sitemaps and mobile-first design.

Enterprise IT Infrastructure Deployment for Dubai SMBs

Technologies: Windows Server, Microsoft 365, Azure AD, VPN

- Deployed servers, Active Directory, Microsoft 365, email, VPN and endpoint security for small and mid-size businesses.
- Reduced IT setup time by 40% using standard deployment checklists and configuration scripts.

EDUCATION

Bachelor of Computer Applications (BCA)

Sree Narayana College of Technology, University of Kerala, India | 2021 - 2024

CERTIFICATIONS

- Microsoft 365 Certified: Fundamentals (MS-900)
- Google Ads Search Certification, Google Skillshop
- Google Analytics 4 Certification, Google Skillshop

LANGUAGES

English (Professional), Malayalam (Native)