

Krishna Kumar Sankara Subbu

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EDUCATION

Anna University

Bachelor of Engineering in Electronics and Communication

Chennai, India

Aug. 2014 – May 2018

EXPERIENCE

Technology Analyst

Infosys Limited

Oct 2021 – Present

Calgary, Canada

- Led onsite coordination for a configurable compliance disclosure system used by multiple global business units.
- Designed the system architecture and UX workflows supporting multi-instance onboarding, data isolation, and multilingual capabilities.
- Developed full-stack features using Angular, Node.js, and PostgreSQL; deployed and managed services on AWS.
- Built admin tools enabling non-technical users to customize forms, approval flows, and UI themes.
- Delivered automation initiatives using Microsoft Power Platform and UiPath to streamline reporting and internal operations.

Senior Systems Engineer

Infosys Limited

Jul 2020 – Oct 2021

Chennai, India

- Developed an invoice payment management application using Angular, Node.js, PostgreSQL, and AWS.
- Designed an admin module to create invoices, trigger automated email notifications, and visualize metrics via an interactive dashboard.
- Optimized UI performance and integrated backend APIs to support secure, real-time payment tracking.

Systems Engineer

Infosys Limited

Jul 2018 – Jul 2020

Chennai, India

- Completed full-stack training in the MEAN stack and contributed to modernization projects across business units.
- Migrated internal Power Apps solutions to custom Angular and Node.js web applications integrated with Azure Functions.
- Enhanced UI responsiveness, accessibility, and overall user experience across multiple internal tools.

PROJECTS

Compliance Disclosure System | Angular, Node.js, PostgreSQL, AWS

- Designed a scalable compliance platform enabling multi-instance onboarding, logical data separation, and multilingual support.
- Implemented configurable workflows, dynamic UI themes, and a fully modular admin management interface.
- Led UX design, architecture planning, and rollout across multiple global regions.

Invoice Payment Dashboard | Angular, Node.js, PostgreSQL, AWS

- Built a web-based invoice approval and payment system with admin dashboards and automated communication workflows.
- Improved maintainability by designing modular UI components and simplifying API integrations.

Shipment Tracking Application | Angular, Node.js, PostgreSQL, AWS

- Modernized a legacy shipment tracking tool into a responsive Angular application with improved UI and performance.
- Developed landing, reporting, and support modules ensuring smooth integration with backend services.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS, SQL

Frameworks: Angular, React, Node.js, Bootstrap, Material UI

Cloud Platforms: AWS and Azure for application development, hosting, and automation

Tools: Git, JIRA, VS Code, Postman, SSMS, DBeaver, Figma, Microsoft Power Platform, UiPath RPA, ADF

Databases: PostgreSQL, MySQL, NoSQL (DynamoDB)