

Nagendra Kumar K V *Senior Software Engineer*

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📅 07-05-1999

Education

2017 – 2020 Krishnarajapete, Karnataka	Bachelor of Engineering in Computer Science <i>Vishweshvaraiya Technological University</i>
2014 – 2017 Krishnarajapete, Karnataka	Diploma in Computer Science <i>Department of Technical Education</i>
2013 – 2014 Bookanakere, India	SSLC <i>Government School</i>

Professional Experience

2025/03 – Present Bengaluru	Senior Software Engineer <i>Omega Health Care Management System</i> <ul style="list-style-type: none">• Developed complex UI modules using AG-Grid with custom cell renderers, server-side pagination, filtering, sorting, column grouping & export features.• Used NgRX for store management.• Implemented WebSocket for live messaging.• Developed reusable component for dashboard page.• Implemented interactive data visualizations using D3.js for dashboards, productivity charts, and coding accuracy trends.• Built reusable Angular components including dynamic forms, tabs, modals, chips, status badges, and filter components.• Integrated UI with Spring Boot microservices using REST APIs and optimized API handling with RxJS and Signals.• Improved performance by implementing client-side caching, debounced search, and lazy loading across modules.• Implemented assessment workflows including question-answer tree structures, validation logic, and conditional rendering.• Created reusable services for permissions (view/edit), user roles, and access-based UI rendering.• Migrated existing components to Angular Material, improving UI consistency and UX.• Worked on audit screens, task management modules, clinical assessment pages, and coder productivity dashboards.• Collaborated with backend teams to design API contracts, optimize payloads, and resolve integration issues.• Reviewed pull requests, mentored junior developers, and ensured coding standards, performance, and best practices.• Exploring other tech stack also i.e, NodeJS, MongoDB, PostGreSQL, AWS, Spring Boot, FastAPI
2024/04 – 2025/02 Bengaluru, India	Senior Software Engineer <i>Infinite computer solutions</i> <ul style="list-style-type: none">• Reviewed pull requests raised by other developers.

- Built permission-based functionality through a **dedicated permission service** (view/edit/both).
- Created routing modules with **lazy loading**, handling route params & query params.
- Used **Subject & BehaviorSubject** to manage global application state.
- Secured data storage using **Session Storage + CryptoJS encryption/decryption**.
- Implemented inline **file preview** using HTML <iframe>.
- Built Angular Material table with **server/client-side pagination, sorting, filters**.
- Designed **accordions, side navigation (Mat Drawer), dynamic dialogs**, and reusable form fields using **ControlValueAccessor**.
- Created **HTTP Interceptor** to attach auth token for all API calls.
- Developed custom pipes for **CamelCase conversion** and **date formatting (DD/MM/YYYY)**.
- Implemented **mat-tree** to display Q&A tree structures.
- Used multiple Angular Material components including **Badge, Chips, Divider, Slide Toggle, SnackBar, Tabs, Tooltip**.

2023/07 – 2024/03
Bengalore, Karnataka

Senior Software Engineer

LTIMINDTREE

- Reviewed pull requests and provided guidance to developers.
- Conducted KT sessions for new joiners and mentored fresher team members.
- Participated in **sprint grooming, planning, story estimation**, and coordination with business architects.
- Developed stories within the estimated timeline and supported testing teams during QA.
- Resolved production bugs and supported post-release activities.

2021/03 – 2023/06
Bengalore, Karnataka

Software Engineer

LTIMINDTREE

- Developed reusable Angular components and followed best practices.
- Used **RxJS** for reactive programming and async workflows.
- Worked on **file upload, carousel, OTP page, payment page**, and multilingual (English + Arabic RTL) features.
- Used **Reactive Forms, Dynamic Inputs, NgRx, Interceptors, Router Guards, Steppers, Date Pickers, Material Icons**.
- Implemented redirection between portals, Excel export functionality, and session/local storage.
- Improved app performance with **lazy loading** and code optimization.
- Worked with **Git version control** for branching, merging, and code reviews.

Skills

Agile Methodologies	Angular 12, 13, 14, 18, 19, 20
HTML	CSS
Bootstrap	Angular Material
Javascript	Typescript
Rxjs	Ngrx
Git	Jira
Bit Bucket	TFS
Jenkins	Accountability / Ownership
NodeJs	MongoDB
PostgreSQL	AWS (S3, RDS, Elastic Beanstalk)
Spring Boot	FastAPI

Projects

2025/03 – Present	<p>OSCAR (Omega Healthcare) <i>Health Care Domain</i></p> <p>OSCAR is a healthcare workflow management platform used by medical coders, auditors, and clinicians to review patient clinical documents, assign diagnosis & procedure codes, and ensure compliance with US healthcare standards (CMS, ICD-10, HEDIS etc.).</p> <p>The platform helps healthcare providers and payers to:</p> <ul style="list-style-type: none">• Improve coding accuracy• Manage member/claim data• Track clinical assessments and care tasks• Reduce audit failures• Automate reporting and dashboards
2024/04 – 2025/02	<p>Zyter Trucare - USA <i>Health Care Domain</i></p> <ul style="list-style-type: none">• Built a unified healthcare platform, enhancing care coordination through Angular Material components and optimized state management (RxJS).• Ensured 100% compliance with healthcare data security through robust encryption (CryptoJS).
2022/01 – 2024/03	<p>Alrajhi takful - Saudi Arabia <i>Insurance Domain</i></p> <ul style="list-style-type: none">• Developed dynamic dashboards for Shariah-compliant insurance services, increasing user engagement by 25%.• Implemented scalable front-end modules with lazy loading, boosting app performance by 30%.• Delivered critical modules like payment pages and file uploads, driving 98% accuracy in financial transactions.• Streamlined Arabic and English content delivery, ensuring accessibility for diverse users.
2021/06 – 2021/12	<p>Aflac - Everwell - USA <i>Insurance Domain</i></p> <ul style="list-style-type: none">• Got training for angular concepts.• Worked on production defects

Interests

Personal Interest

Exploring new angular features.

- Standalone Components.
- New control flow syntax(`@if`, `@for`, `@switch`).
- template local variable (`@let`)
- Simplified DI with `@Inject`
- Signals (computed, effect)
- Deferrable views.
- Input, Output, ViewChild signal model.
- Signal forms