

# Nagendra Kumar K V *Senior Software Engineer*

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📅 07-05-1999

## Education

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2017 – 2020 **Bachelor of Engineering in Computer Science**  
Krishnarajapete,  
Karnataka  
*Vishweshvaraiya Technological University*

2014 – 2017 **Diploma in Computer Science**  
Krishnarajapete,  
Karnataka  
*Department of Technical Education*

2013 – 2014 **SSLC**  
Bookanakere, India  
*Government School*

## Professional Experience

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- 2025/03 – Present **Senior Software Engineer**  
Bengaluru  
*Omega Health Care Management System*
- 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 **Senior Software Engineer**  
Bengalore, India  
*Infinite computer solutions*
- 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

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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

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

## Interests

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### 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