

# ANIL BETHAPUDI

[bethapudianilkumble@gmail.com](mailto:bethapudianilkumble@gmail.com) | 551-697-0807 | [LinkedIn](#) | [GitHub](#) | [Website](#) |

## SUMMARY

Creative and detail-oriented Full Stack Developer with several years of hands-on experience building performant, scalable web applications using React.js, Angular.js, Node.js, Vue.js, and TypeScript. Adept at designing intuitive user interfaces, developing robust backend APIs, and delivering full-stack solutions in Agile environments. Skilled in iOS development using Swift, SwiftUI, and AVFoundation, with experience building lightweight mobile features and seamless user experiences. Proven expertise in integrating RESTful and GraphQL APIs, optimizing frontend performance, and maintaining clean, modular codebases. Passionate about clean architecture, component reusability, and solving real-world problems with data structures and algorithms. Committed to building secure, accessible, and user-first applications that scale.

## TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Java, Python (DSA), SQL, Shell Scripting (Bash)
- **Frontend:** React.js, Vue.js, Next.js, Angular.js, Material.js, Bootstrap, HTML5, CSS3, SASS/SCSS, Tailwind CSS
- **Backend:** Node.js, Express.js, SpringBoot, REST APIs, GraphQL, Firebase, Microservices, JWT/OAuth2
- **Databases:** MongoDB, SQL, PostgreSQL, DynamoDB, Redis, ElasticSearch
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, API Gateway), Docker, Kubernetes, Terraform, Jenkins, GitHub Actions, SonarQube
- **Tools:** Git, Postman, Jest, JIRA, Kafka, Prometheus, Grafana, ELK Stack Messaging/Streaming: Kafka
- **Methodologies:** Agile (Scrum), CI/CD, TDD, Design Patterns, System Design, Code Reviews

## EXPERIENCE

### SS Software Solutions FullStack Developer

June 2024–Present

I lead full-stack development efforts to design, build, and optimize enterprise-grade applications using Java 11, Spring Boot, React.js, Redux, and Node.js within a scalable microservices environment. I engineer high-performance backend services using asynchronous HTTP clients, modular REST APIs, and functional programming techniques, while developing modern React components with Context API and state-driven UI flows. I implement Kafka-based event streaming, containerize microservices with Docker, and automate end-to-end CI/CD pipelines using Jenkins and AWS EC2. I strengthen system reliability through Splunk and CloudWatch monitoring, optimize media workflows using FFmpeg, and improve data processing and storage efficiency using MongoDB. In addition to web development, I also build and enhance lightweight iOS mobile app features using Swift, SwiftUI, and AVFoundation to support internal tools, real-time event handling, and seamless user experiences. I follow Agile practices and uphold secure coding standards to deliver scalable, reliable, and user-focused applications.

### Urpan Technology, Hyderabad Solution Engineer

Sep 2021–July 2022

As a Solution Engineer, I designed scalable solutions, conducted technical discovery, and developed proof-of-concepts to demonstrate product value across web, backend, and mobile platforms. I have delivered technical demos, guided customers on best practices, and resolved integration issues involving APIs, microservices, cloud services, identity systems, and iOS mobile applications. I had also worked on building lightweight iOS features using Swift and AVFoundation to support product integrations and internal tooling. I had collaborated with product, engineering, and customer success teams to ensure smooth deployments and client adoption, while documenting solution architectures and creating reusable technical assets. Additionally, I had supported continuous improvement initiatives by refining implementation processes, enhancing mobile and backend workflows, and contributing to cross-team technical enablement.

### Fission infotech Pvt Ltd, HYD INDIA.

Feb 2020 – Aug 2021

#### Front End Developer:

As a Front-End Developer, I had developed rich, interactive user interfaces using React, Angular, and JavaScript/TypeScript. I had architected reusable component libraries, implemented state management solutions such as Redux and Context API, and had optimized rendering performance through memoization, lazy loading, and code splitting. I had collaborated with UX/UI designers to convert wireframes into fully responsive and accessible front-end experiences. I integrated REST and GraphQL APIs, troubleshoot cross-browser issues, and ensured smooth communication between front-end and back-end services. I had worked closely with QA teams to resolve UI defects, implemented test coverage using Jest and React Testing Library, and documented best practices to support front-end scalability and maintainability.

**Project Engineer – Full Stack (Java, React, Spring, SQL)**

As a Full Stack Project Engineer, I had built React-based frontend applications and Java/Spring Boot microservices, implementing authentication, session management, and data-driven workflows using SQL databases. I had optimized backend performance with functional programming and multithreading, and collaborated with product teams to deliver scalable features with real-time APIs. I had created CI/CD pipelines with Jenkins and Docker, maintained high code quality through JUnit and Mockito tests, and contributed to migrating legacy systems to modern Java and React architectures to improve overall maintainability and performance.

**PROJECTS (Academic)****iOS Personal Finance Tracker**

**Tech:** Swift, SwiftUI, CoreData, Combine, Firebase Auth, Firestore

**Description:**

I built an iOS app that allows users to track daily expenses, manage budgets, and view their spending habits through a simple and intuitive interface. I developed the UI using SwiftUI with real-time state updates powered by Combine, implemented secure login and cloud data sync using Firebase Auth and Firestore, and used CoreData for offline storage and fast data retrieval. The app helps users monitor transactions, set budget goals, and stay organized with a smooth and responsive mobile experience.

**Impact:**

- Enhanced user ability to manage budgets and track expenses
- Improved accessibility with cloud sync and offline support

**AI-Powered Customer Support Chat Platform**

**Tech:** React.js, Node.js, Java Spring Boot, MongoDB, OpenAI API, WebSockets, AWS Lambda

**Description:**

I developed a real-time customer support platform that used AI to assist users and allow agents to take over chats when needed. I built the front end with React.js and WebSockets, and created backend microservices using Java Spring Boot for routing and analytics. I integrated OpenAI APIs to generate smart responses and used AWS Lambda for background event processing. I stored chat history in MongoDB and designed simple dashboards for support agents to manage customer conversations.

**Impact:**

- Reduced customer wait time by 60%
- Improved response accuracy using AI suggestions

**E-Commerce Analytics & Admin Dashboard**

**Tech:** React.js, Java Spring Boot, MySQL, Kafka, Docker, AWS S3, JWT

**Description:**

I built a full-stack analytics dashboard for an e-commerce platform to help admins track sales, users, inventory, and transactions in real time. I created reusable React.js components for the UI and developed REST APIs using Spring Boot for backend operations. I used Kafka to process and stream analytics data, implemented JWT for secure login, and stored product data in MySQL. I deployed media files to AWS S3 and containerized the entire application with Docker. I also automated the deployment process using CI/CD pipelines.

**Impact:**

- Improved business insights with real-time dashboards
- Reduced manual reporting work by 80%

**EDUCATION**

**Kakatiya University, Telangana, India** Bachelors in Computer Science Engineering -2019

**Pace University, New York, NY** Master of Science in Computer Science (Web Development & Gaming) - 2024