

# Anudeep Bommidi

## Software Engineer (Full-Stack)

📍 Hyderabad - INDIA 🇮🇳  
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📅 Date of Birth: 28 Aug 1993

I am a versatile full-stack developer with expertise in Java, JavaScript, and Scala. I have adopted functional programming and microservices as my go-to approach for building software. With a focus on scalable web applications, I have honed my skills in the development and maintenance of complex systems. With extensive experience in all stages of the Software Development Life Cycle, I am equipped to deliver high-quality, reliable solutions.

**Website:** <https://anudeepbommidi.github.io>  
**LinkedIn:** <https://linkedin.com/in/anudeep-bommidi>

**GitHub:** <https://github.com/anudeepbommidi>  
**Leetcode:** <https://leetcode.com/anudeepb28>

## Experience

### Oracle, Hyderabad, IN

Jul 10, 2021 – Present

As a full-stack developer on the Oracle Infinity Behavior Intelligence platform, I am responsible for designing, developing, and maintaining a React-based user experience and multiple microservices utilizing Java and Scala.

#### Senior Software Engineer

- As a member of the API Gateway team, I designed and implemented a dynamic runtime API registration and loading mechanism using Scala. I also developed a self-contained module of APIs for flexible and efficient deployment.
- I engineered a modular Data Access Layer using TypeScript and React, allowing seamless communication between the API and UI by translating and validating requests and responses in both JSON and UI-friendly formats.
- Working with interdisciplinary teams, I architected and delivered a Java-based addon jar utilizing gRPC, which provided secure CRUD access to database objects based on Facebook's TAO architecture.
- As the lead developer, I managed the successful migration of vast amounts of data from a legacy Voldemort database to a more robust Oracle database.

### Advance Auto Parts, Hyderabad, IN

Mar 8, 2021 – Jul 5, 2021

#### Senior Software Engineer

- Revamped a B2B e-commerce site, originally written in JavaScript/JSP, transforming it into a responsive platform using the tech stack of React, TypeScript, and Storybook.

### Kony Inc. (now Temenos Inc.), Hyderabad, IN

Jul 10, 2017 – Mar 5, 2021

#### Senior Software Development Engineer

- Made significant contributions to a business workflow web application based on BPMN specification. This application was critical for the merger of the company with Temenos. As a part of this, I have:
  1. Implemented a micro app in React within a larger AngularJS application, utilizing Redux for communication and event handling.
  2. Designed and implemented graph algorithms for validations and a BPMN backend parser to convert the designer's GoJS data model into BPMN standard XML.
- Designed and implemented a Java command-line app that enhances packaged (zip) applications with lock configurations through the use of a provided JSON rules file.
- Led a team of 4, planned and executed the migration of legacy code from AngularJS to React and Redux.
- Did a POC with TypeScript, and improved the frontend code's flexibility and modularity through the use of composition patterns.

## Software Development Engineer

- Simplified API designer user experience by streamlining data extraction for JSON and XML formats, providing automatic generation of JSON/XML paths through a user-friendly visual tree interface.
- Conducted website profiling, identified performance bottlenecks, and made improvements to enhance web application performance.
- Modernized the frontend by upgrading to Webpack 4 and releasing a new Webpack plugin to NPM, named “webpack-script-tags-plugin”.

## Skills

Programming Languages:	Java, JavaScript, Scala, TypeScript
Frontend:	React, AngularJS, Redux, MobX, HTML, CSS, Webpack
Backend:	Spring, NodeJS, Express, gRPC, Kafka, Akka, MySQL, Hibernate
Tools:	Maven, Jenkins, Chef, SBT

## Education

GITAM University, Visakhapatnam, IN

Jul 10, 2011 – Apr 30, 2015

### B.Tech in Computer Science

- Graduated First Class with 7.82 GPA

Note: From August 2015 to January 2016, I pursued a Master's degree in Computer Science at the University of Kansas, USA, completing one semester before leaving due to unforeseen circumstances.

## Certifications

Coursera: University of California, San Diego

- Data Structures & Performance - [certificate](#)
- Data Structures - [certificate](#)
- Algorithmic Toolbox - [certificate](#)
- Advanced Data Structures in Java - [certificate](#)
- OOP In Java - [certificate](#)
- Algorithms on Graphs - [certificate](#)

## Accomplishments

- Received an Individual Excellence award at Oracle for outstanding commitment and contribution to the successful delivery of the Tag Delivery Service.
- Received an Individual Excellence award at Kony for delivering the Workflow designer with highest standards.
- Received Spot Award and Team Award at Kony.
- AMCAT Topper (99.3% in Computer Programming).

## Languages

- English, Telugu, Hindi

## Hobbies

- Reading, Writing, Chess, Photography, Badminton
- Learning, exploring new technologies.