

Anudeep Bommidi

Software Engineer (Full-Stack)

Location: Hyderabad, INDIA
Phone: (+91) 7989036267
Email: anudeepbommidi@gmail.com
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

July 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 2021 - June 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 India Pvt. Ltd, Hyderabad, IN

July 2017 - Mar 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

June 2011 - April 2015

B.Tech in Computer Science

- Graduated First Class with 7.82 GPA

Note: Between Aug 2015 and Jan 2016, I briefly pursued graduate work towards an M.S in Computer Science at the University of Kansas, USA

Certifications

Coursera: University of California, San Diego

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| ○ Data Structures & Performance - certificate | ○ Advanced Data Structures in Java - certificate |
| ○ Data Structures - certificate | ○ OOP In Java - certificate |
| ○ Algorithmic Toolbox - certificate | ○ Algorithms on Graphs - certificate |

Accomplishments

- Recipient of Spot Award at Oracle for outstanding commitment and contribution to the successful delivery of the Tag Delivery Service.
- Recipient of Extra Miler award at Kony for delivering the Workflow designer with highest standards.
- Recipient of Spot Award at Kony for mentoring associates.
- AMCAT Topper (99.3% in Computer Programming)

Languages

- English, Telugu, Hindi

Hobbies

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| ● Reading, Writing, Chess, Badminton | ● Learning, exploring new technologies. |
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