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.

🌐 https://anudeepbommidi.github.io   https://github.com/anudeepbommidi

in https://linkedin.com/in/anudeep-bommidi   https://leetcode.com/anudeepb28

Experience

Oracle, Hyderabad, IN   Jul 12, 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

Software Developer II

- 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

Bachelor of Technology 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 DS 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 (*Native*), Telugu (*Native*), Hindi

Hobbies

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