ARFAT ADHONI

M.Tech - Senior Software Engineer
5.1+ Year of Relevant Experience - Full Stack Developer

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SUMMARY

M.Tech (VTU University Ranker in Design) |5.1+ Year of Relevant Experience |Full-Stack Developer | HTML,CSS, JavaScript, React.Js, Redux, Cypress.io, Java, SpringBoot, Express.Js, Node.Js, Python, FastApi, MySQL, Vertica, Oracle, MongoDb, CosmosDb, Detech Secret, Black Duck, Terraform, Azure Functions & Cloud, GitHub | SDLC Expert

EXPERIENCE

Senior Software Engineer - Full Stack Developer

Mercedes-Benz Research & Development India

📅 10/2023 - Present   📍 Bangalore

Products for Mercedes-Benz Cars.

- Collaborating with cross-functional teams to gather and analyze requirements for Unikey Designing and implementing
- Designing responsive user interfaces using Html, Css, and React.Js with Typescript and server-side programming languages.
- Developing and maintaining backend services using Python, Node.Js & Java 17 for Maven & Gradle for efficient as per projects.
- Strong understanding of software testing principles, including unit testing, integration testing, and end-to-end testing.
- Integrating Azure services to enhance the scalability and performance of Unikey application
- Utilizing Git & GitHub for version control and collaborative development workflows.
- Familiarity with code quality and security analysis using SonarQube and Black Duck.
- Proficiency in version control systems (Git), issue tracking tools (Jira), and collaboration platforms (GitHub, Azure Board).
- Excellent problem-solving skills and the ability to work effectively in a fast-paced, collaborative environment

Software Engineer - Full Stack Developer

Tayana Mobility Technologies

📅 08/2022 - 10/2023   📍 Bangalore

Telecom Product Based Company

- Proficient in creating captivating UIs using HTML, CSS (Bootstrap & Tailwind), JavaScript, React.JS, Node.JS, and JSP Pages, ensuring an exceptional UX.
- Skilled in Java and Spring Boot, with in-depth knowledge of MySQL, Oracle, and Vertica databases, delivering full-stack solutions for complex business problems, enhancing user experience and product usability.
- API and Web Services: Successfully developed REST and SOAP APIs using Spring Boot 2.7.5, showcasing my proficiency in jQuery, AJAX, and modern JavaScript frameworks like React JS with its Library.
- Expertise in integrating APIs with Front-end user interfaces, facilitating seamless communication and optimal functionality.
- Automated tasks with shell scripts and crontabs, boosting productivity. Additionally, I proficiently managed data retrieval and storage using MySQL and Vertica databases for dB Procedure tasks.
- Released patches to the testing team, providing detailed release notes, Documenting ADR, Artitecture in Jira Confluence
- Development process using Agile Mythology with Jira Tool.

Software Engineer - Full Stack Developer

Innoovatum
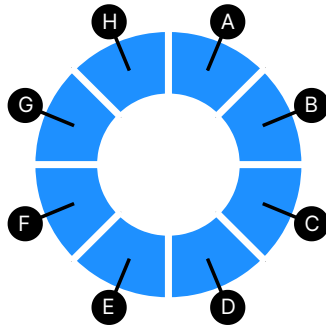
📅 04/2019 - 06/2022   📍 Vijaypur

Product Based Company

- Skilled in frontend development using HTML, Tailwind-CSS, JavaScript, and Bootstrap with ReactJS, delivering responsive and visually appealing websites.
- Proficient in Spring 2.7.3 framework, creating robust APIs to enhance website functionality.
- Using my expertise in Java, Spring boot, Microservices, and MYSQL database, I was able to develop an exceptional website that accurately showcased the client's product.
- Successfully developed a dynamic website for advertising client products,showcasing expertise in Java, Spring Boot, Microservices, and MySQL database
- Deep understanding of Object-Oriented Programming, effectively applying fundamental concepts such as Objects, Classes, and their relationships in website modeling.
- Proven ability to handle challenges and deliver exceptional results through a combination of technical expertise and dedication to client satisfaction.

SKILLS

Html   Css   JavaScript   Typescript

React.Js   Next.Js   Redux   Java

SpringBoot   Node.Js   Express.JS   Python

FastApi   MySQL   Oracle   MongoDb

VerticaDb   CosmosDb   Azure Cloud

Azure Functions   SonarQube   OneApi

Detect-Secret   Black-Duck   Cypress.io

GitHub   Jira   Agile   SDLC Expert

FULL STACK CONTRIBUTION IN PROJECTS

Ⓐ Front-End Development with Unit & E2E Testing

Ⓑ Back-End Development with Unit & E2E Testing

Ⓒ Data-Base Interaction - SQL & Non_SQL

Ⓓ Infra - Azure Cloud, Terraform, Pipelines

Ⓔ Code Quality - SonarQube, Detech-Secret, Black Duck

Ⓕ Code security - Black Duck, Obgenie, Data-Dog

Ⓖ Production Issue - Service Now Ticket Resolution

Ⓗ Git, GitHub, Jira & Azure Board

EDUCATION

M.Tech (VTU Ranker)
BLDEA College of Engg & Technology
📅 08/2019 - 08/2021   📍 Vijayapur
GPA **9.05** / 10

BE
Bangalore Institute of Technology
📅 08/2015 - 07/2019   📍 Bangalore
GPA **7.82** / 10

PU
Konnur Science PU College
📅 08/2015   📍 Yallati, Bagalkot
% **92** / 100

PROJECT EXPERIENCE – (PRODUCTS)

1. Unikey-EMU (Engineering Mode Unlock) – Benz Cars ECU   *(Oct 2023 – Present)*

This project involves Full Stack Development - Generating Certificates to Unlock Engineer Mode of Ecu of Cars. Developing And Understanding End to End Product, Front End UI Development, Validation using Regular Expressions for Ecu of Cars, Design & Developing Functional Component in Azure through OneApi, Azure and Terraform Scripts. Mocking Unit Testing using WireMock in Python Test, Cypress.io for UI

Technologies Used - Html, CSS, TypeScript, React.js, OneApi, Python, Terraform, SonarQube, Azure Web

2. Unikey-Key & Certificate – Benz Cars ECU   *(Oct 2023 – Present)*

This project involves Full Stack Development - Generating SSH Certificates to Unlock Ecu of Cars.
Developing And Understanding End to End Product, Front End UI Development, Validation using Regular Expressions for Ecu of Cars, Design & Developing Functional Component in Azure through OneApi, Azure and Terraform Scripts. Unit Testing, Cypress.io for UI

Technologies Used – Html, CSS, Javascript, TypeScript, React.Js, Java17, SpringBoot, Azure

3. Unikey-SSH – Benz Cars ECU   *(Oct 2023 – Present)*

This project involves Full Stack Development - Generating SSH Certificates to Unlock Ecu of Cars.
Developing And Understanding End to End Product, Front End UI Development, Validation using Regular Expressions for Ecu of Cars, Design & Developing Functional Component in Azure through OneApi, Azure and Terraform Scripts. Mocking Unit Testing using WireMock in Python Test, Cypress.io for UI

Technologies Used - Html, CSS, TypeScript, React.js, OneApi, Python, Terraform, SonarQube Azure Web

4. Unikey-BNT – (Bad Nest Testing) - Benz Cars ECU   *(Oct 2023 – Present)*

This project involves Full Stack Development – Testing Bad Nest SSH Certificates to Unlock Ecu of Cars.
Developing And Understanding End to End Product, Front End UI Development, Validation using Regular Expressions for Ecu of Cars, Design & Developing Functional Component in Azure through OneApi, Azure and Terraform Scripts. Mocking Unit Testing using WireMock in Python Test, Cypress.io for UI

Technologies Used - TypeScript, React.js, OneApi, Python, Terraform, SonarQube, Black-Duck, Azure Web

5. WUSSD Product (Unstructured Supplementary Service Data)   *(Jun 2023 – Present)*

This project involves building a WUSSD (Unstructured Supplementary Service Data) system from scratch, which includes the creation of a Package, Tracker and Reports module using GUI and API with Java and Spring Boot. The system allows users to interact with the WUSSD service, generating and viewing reports through the user-friendly interface while leveraging the Java-based API for smooth functionality.

Technologies Used – Html, CSS, JavaScript, React.js, Java, SpringBoot, MySQL, Git, Azure, Jira

6. SMSC Product (Short Message Service Center)   *(Apr 2023 – May 2023)*

This project develops a GUI-based reporting system and API using Spring Boot and Java for a Short Message Service Center (SMSC) to generate Mis Usage Reports. It also includes User Client configuration for secure client-side access to the reporting system.

Technologies Used – Html, CSS, JavaScript, React.js, Java, SpringBoot, MySQL, Oracle, Vertica Git, Jira

7. Turkset PCRF Product (Policy Control and Rule Functioning)   *(Aug 2023 – Present)*

In this dynamic and exciting project, we embark on a journey of software development excellence. We start by crafting WSDL files in Eclipse and generating Java files from SOAP WSDL using MyEclipse. Our SOAP API for PCRF boasts seamless integration with a MySQL database, empowering powerful DB procedures. With our expertise in JSP pages, we create captivating GUIs for product development.

But that's not all! We elevate the user experience further by adding a "Package Renewal" feature and a "Service Plan Activation GUI," both powered by Spring Boot and Web services. Get ready to explore the realm of cutting-edge technology and user-centric solutions!.

Technologies Used – Html, CSS, JavaScript, React.js, Java, SpringBoot, MySQL, Oracle, Vertica Git, Jira

8. Production Management System – Bijapur Offer Product   *(Aug 2021 – Mar 2022)*

Production Management System keeps track of the transaction of all Products, Materials, raw. Shows the information and of the Materials. It deals with monitoring the information and transactions. Provides the administrator facilities to update the list of Materials online.

Technologies Used – Html, CSS, JavaScript, React.js, Node.JS, Express.Js, MongoDb, Git, Jira , Azure

9. Student Mangement System – Product   *(Apr 2022 – Jun 2022)*

Its tracks, maintains, and manages all of the data created by a school, such as a student's grades, attendance, and interpersonal activity records, among other things and Reflecting them in UI using ReactJS

Technologies Used – Html, CSS, JavaScript, React.Js, Node.JS, Express.Js, MongoDb, Git, Jira , Azure

10. E-Commerce Website   *(May2021 – Jun 2021)*

A website was built by me implementing the Templates of Bootstrap, Tailwind and Modifying as per Client Requirement.

Technologies Used – Html, CSS, Bootstrap, Tailwind

11. WhatsApp, Text Utils, Amazon Clone, Spotify Clone, Netflix Clone   *(Jan 2021 – Apr 2021)*

A Clone Websites was Build by me using HTML5, Tailwind CSS, JavaScript, React JS as Library and Node.JS as run time Environment Server with Firebase Authentication, Api Fetching using Axios and Some Library

of React with Hooks Concepts such as UseState, UseEffect, UseContext

Technologies Used – Html, CSS, JavaScript, React.Js

AWARDS, ACADEMIC AND EXTRA CURRICULAR ACTIVITIES

- ✓ *Best Production Issue Resolver Award 2022 – Innoovatum*
- ✓ *Best Team Lead Award 2022 - Innoovatum*
- ✓ *Best Employee of the Year 2020 – Innoovatum*
- ✓ *As Volunteers Lead in WEBXPLORE 2022, I successfully developed and hosted websites on real-time servers, contributing to the record-breaking achievement of launching the maximum number of websites in a single day and setting a new India Book of Record. This experience allowed me to gain invaluable hands-on experience in web development and project management, while making a significant impact in the world of technology.*
- ✓ *M.Tech - Secured 3rd Rank to VTU University Karnataka in 2021.*
- ✓ *Secured 3rd Rank in Project Exhibition held in Bangalore Institute of Technology, Bangalore in 2019*
- ✓ *Awarded the Most Innovative Solution Award at the National Tech Fest 2023, recognized for developing a cutting-edge AI-based solution to enhance predictive maintenance in manufacturing industries.*
- ✓ *Certified Scrum Master (CSM) in 2022, which enabled me to effectively lead agile teams and improve project delivery timelines while ensuring high-quality outcomes.*
- ✓ *Received the Excellence in Research Award for presenting a paper on "Advancements in Quantum Computing" at the International Conference on Computer Science and Engineering in 2020.*
- ✓ *As a speaker at the Global Developer Conference 2022, I shared insights on "Future Trends in Artificial Intelligence," contributing to the knowledge pool and engaging with a community of tech enthusiasts and professionals*.

PROFESSIONAL SKILLS

- **Problem-Solving & Innovation**: Analyze issues, identify solutions, and implement creative approaches.
- **Communication & Public Speaking**: Clear and effective verbal/written communication and confident presentations.
- **Teamwork & Collaboration**: Strong team player with excellent collaboration and interpersonal skills.
- **Adaptability & Learning**: Continuously learning, embracing change, and applying new knowledge.
- **Excellence & Confidentiality**: Committed to high standards, quality, and maintaining confidentiality.

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge.

Place: Bangalore   **Mohammadarfat Adhoni**
                                                                                      (Signature)