Mayank Baliyan

LinkedIn - mayank-baliyan-7785391a9
GitHub - mayankbaliyan12
LeetCode - baliyanmayank
baliyanmayank1@gmail.com
Contact - 7895426808

EDUCATION

- **Graphic Era University, Dehradun** — Uttrakhand, India
  B.Tech(CSE) — *July 2018 - June 2022*

SKILLS SUMMARY

- **Languages**: Python, Javascript, C, C++, SQL
- **Frameworks**: ReactJs, Redux, Redux-toolkit, React query, SAPUI5, HTML/CSS, Tailwind CSS, Material UI Chakra UI, Bootstrap
- **CI/CD Tools**: GitHub Actions, Jenkins, Azure Pipelines
- **Testing**: Jest, React Testing Library, Cypress
- **DBMS**: MYSQL, SAP HANA, Dbeaver
- **Problem Solving**: Log Analysis, Debugging, Field Issue Resolution
- **Platforms** : GIT, GitHub, Azure, SAP BTP, Postman, Docker, Kubernetes

EXPERIENCE

- **Software Engineer** — Bangalore, India
  INCTURE TECHNOLOGIES — *July 2024 - current*
  - Engineered and deployed React/JavaScript applications with 100% adherence to client specifications, processing over 1,000 transactions with an error rate below 1% .
  - Customized Incture Products (Cherryworks ITM, WorkBox) and integrated SAP Workflow, boosting productivity by 25% through task automation, role management, and performance tracking.
  - Automated License Inventory, Request, and Workflow systems, optimizing code to achieve a 30% performance improvement and reduce manual effort by 40%.

- **Associate Software Engineer** — Bangalore, India
  INCTURE TECHNOLOGIES — *August 2022 -June 2024*
  - Designed and developed tailored SAPUI5/Fiori and React.js applications, delivering 100% alignment with user stories and client specifications, resulting in zero missed requirements across multiple projects.
  - Customized and deployed Incture Products (Cherryworks ITM, WorkBox), meeting unique client needs and enhancing system functionality, contributing to a 25% increase in operational efficiency.
  - Seamlessly integrated REST APIs and oData Services, optimizing client-side data management, role administration, and user interactions, reducing data processing time by 15% and improving user satisfaction by 20%.

- **Software Intern** — Remote
  INCTURE TECHNOLOGIES — *Jan 2022 -June 2022*
  - Engaged in collaborative code refactoring and debugging, resolving 90% of issues within tight deadlines to maintain high code quality and seamless website functionality.
  - Proficient in JavaScript, HTML/CSS, Bootstrap, SAPUI5, and SAP HANA, demonstrating 100% adherence to clean coding practices and efficient object-oriented programming (OOP) techniques.
  - Delivered UI/UX enhancements that improved user satisfaction by 20%, while effectively managing database operations and ensuring smooth integration with SAP HANA.

WORK PROJECTS

- **Software License Management, Web Application**: June 2023 - present
  - Orchestrated License Inventory, Request, and Workflow systems using automation tools, boosting productivity by 30% and streamlining operations across multiple teams.
  - Developed and implemented tailored automation tools for the License Inventory System, enabling seamless integration with existing workflows and achieving a consistent increase in task completion speed of up to 30
  - Developed interactive dashboards and reports using React.js, SAP BTP, Azure, JavaScript, jQuery, HTML, and CSS, providing actionable insights and improving decision-making speed by 20%.
- **Intelligent Work Management, Web Application**: May 2023 - August 2023
  - Orchestrated intelligent automation, analytics, and collaboration tools, streamlining workflows and improving productivity by 30%, while optimizing key business processes.

* Integrated, configured, and tailored modules and workflows to meet user specifications, showcasing 100% technical adaptability and efficiency in solution delivery.
* Expertise in React.js, SAPUI5/Fiori, SAP BTP, SAP Cloud Foundry, JavaScript, jQuery, HTML, CSS, and Azure, contributing to a 20% improvement in application performance and scalability.
- **Accounts Payable Automation, Web Application**: Jan 2023 - April 2023
    * Designed and implemented SAPUI5 front-end views and controllers, integrating APIs and customizing user interfaces to achieve 100% alignment with client requirements.
    * Engineered an interactive UI supporting diverse operations, improving user engagement and operational efficiency by 25%, while ensuring intuitive, user-friendly solutions.
    * Proficient in SAPUI5/Fiori, SAP BTP, SAP Cloud Foundry, JavaScript, jQuery, HTML, and CSS, contributing to a 20% increase in project success through technical expertise and innovation.

PERSONAL PROJECTS

* **Credit Card Fraud Detection**:   GitHub
    · Constructed a fraud detection tool using the Isolation Forest Model and Local Outlier Factor algorithm, identifying anomalous patterns in over 10,000 credit card transactions and enhancing detection accuracy.
    · Improved performance by 30% by integrating Natural Language Processing (NLP) for historical analysis of fraudulent activities, demonstrating proficiency in Python and machine learning concepts through the scikit-learn library in Jupyter Notebook.
* **Netflix GPT Clone**: GitHub
    · Implemented a Netflix clone using React.js with an intuitive interface for browsing over 10,000 films, integrating the TMDB API for movie details and using Firebase for secure user authentication to ensure safe interactions.
    · Utilized Redux Toolkit for centralized app state management, enhancing scalability and maintainability, while implementing performance optimizations like memoization and lazy loading, resulting in a 40% increase in app responsiveness and incorporating protected routes for user privacy and data security.

CERTIFICATIONS/ACHIEVEMENTS

- Cloud application developer 2019, Mastery award (IBM Certification) - Architect, implement, and deploy cloud-native applications to optimize performance, security, and scalability on cloud platforms, demonstrating expertise in ensuring efficient cloud-based solutions.