ARUNKUMAR S

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Date of Birth: 16-09-1999

SUMMARY

I want to use my skills as a full-stack developer to make helpful websites and apps that can solve important problems in society. I care about making things easy for people to use and making them look good too. My goal is to work with others and use the latest technology to make a positive difference in the world. I'm excited to use my tech skills to make the world a better place

SKILLS

- **Programming Languages:** JavaScript, TypeScript,Python, Node.js, Dart
- **Web Development:** React, Redux, Express,Serverless,Nest Js, Socket.io,Monorepo Architecture, Microservices,Keycloak
- **App Development :** React Native.
- **Cloud Services & DevOps:** AWS (Lambda, Step Functions, EC2, S3, SQS, SES, SNS), Docker, CI/CD Pipelines (PM2).
- **Databases:** MongoDB, PostgreSQL, SQL, Redis
- **Testing Tools:** Mocha, Chai, Jest, React Testing Library
- **AI & Machine Learning:** OpenAI, Bard AI, TensorFlow.
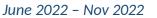- **Tools & Platforms:** Jupyter Notebook, Anaconda, Git

Work Experience

Ecobillz Pvt Ltd -Software Developer
Nov 2022 – Present

- Worked on the Hospitality Service product, completing multiple product lifecycles from end to end.
- Served as a Full Stack Developer, creating user-friendly designs and ensuring seamless user experience.
- Designed and developed APIs for RESTful and Web Socket services, enhancing application communication and performance.
- Integrated multiple third-party APIs to extend product functionality and maintained stable deployments.
- Managed deployment operations and optimized CI/CD pipelines, resulting in smoother product releases and reduced deployment times.

Testyantra Software Solutions - Associate Software Developer
June 2022 – Nov 2022

- Led a team of 4 developers, ensuring efficient project delivery and notable performance improvements.
- Drove successful migration activities alongside system optimizations on six internal platforms, enabling the team to address critical performance issues uncovered through comprehensive analysis.
- Conducted data cleaning and segregation activities to enhance data quality and usability.

Education & Certification:

- **Bachelor of Engineering**
  Anna University, 2016-2020

- **Python Stack Developer Certification**
  Pyspider Bangalore, 2022

Projects Worked

Ecobillz Reconciliation Arc Role: Full Stack Developer

- Developed a complete product lifecycle, including system and database design, and requirement analysis.
- Designed and developed RESTful APIs and Web Socket services, integrating multiple third-party services for a seamless user experience.
- Created reusable and maintainable front-end components, ensuring smooth code flow and application efficiency.
- Engaged with stakeholders for requirement gathering and integration, ensuring successful project delivery.
- The application used to automatic or manually reconcile and highlight the discrepancy of the reports uploaded by the user. Basically the user come up with 200 to 300 mb Excel file uploaded in the system and the system will take up the report and perform reconciliation with pre configured logics.If any discrepancy is found during the reconciliation the system will trigger email based on escalation matrix or highlight the discrepancy based on configuration.
- The product is live with multiple clients, showcasing its effectiveness and robustness.

Ecobillz Forms And Approvals Role: Full Stack Developer

- The Form and Approval system is designed to eliminate the manual approval process typically followed in the hospitality industry.
- our clients come with PDF forms according to their own standards.
- Implemented a conversion mechanism that turned standard PDFs into fillable forms. this initiative enabled the team to reduce turnaround time on administrative tasks by 30 hours per month, optimizing workflow efficiency.
- Then, users can create forms based on the uploaded form. users can fill out the form fields directly within our dashboard and submit the form for the workflow process. As soon as the user submits the form, it will undergo an approval process based on a pr-configured workflow.

Document Management System Role: MERN Stack Developer

- The DMS system digitizes processes for the hospitality industry with over 50 modules and features.
- One of the key feature is digitizing finances and beverages for outlets For example,instead of printing checks or invoices, our digitizer assists F&B controllers in creating bills using tablets. .
- These bills appear on the dashboard for users to sign and close. We can generate F&B reports for reconciliation purposes. Similarly, the system includes features for digitizing registration cards,among others.

OTHER /PROJECT WORKED

- **WhatsApp Integration & SMS Service**: Developed using Telspiel Service.

- **Payment Integration**: Developed payment integration using Stripe Payment Gateway.

- **Workers Creation**: Implemented task workers using SQS.

- **Chat Bot using TensorFlow**: Developed conversational chatbot using tensorflow and natural language toolkit.