Abhishek Manoharan

💼 Portfolio | in Abhishek Manoharan | </> Leetcode | ⌕ GitHub | 📞 +91 8891410500 |
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SKILLS

Back End Development | •C# •ASP NET Core Web API •Micro Services •Entity Framework (EF Core), Dapper ORM, CQRS, xUnit
•Azure Service Bus, Graph, Azure Blob/Data lake services

Front End Development | •ReactJS •Redux , Node.js •JavaScript, TypeScript •HTML, CSS •Material UI • Angular and Vue.js (Basic)

Miscellaneous | •Azure, App Service, Logic, Function Apps, SaaS •Docker, Kubernetes •App Insights, Azure Dashboard •Azure App Configuration and Feature Management •Git Version control, Devops, Agile •Python, C, Serilog • CI/CD,, Github Actions, Azure Pipelines • SDLC, Object Oriented Programming

EXPERIENCE & PROJECTS

PROVIDENCE GLOBAL CENTER | Software Engineer II
Aug 2021 – Present | Full Stack Developer | Hyderabad, Telangana

LEGACY ARCHIVE PORTAL (LAP) | Complete Data Archival Solution
- Conceptualized and implemented cloud based data archival solution, replacing 3rd Party application LDA (Legacy Data Access).
- Saved substantial license cost of 8 million per year.
- Spearhead the development of an Archival Solution capable of handling 30+ data formats with relational data, images, documents, XML and RTF.
- Significantly reduced development time from two weeks to just one day by creating user-configurable templates, search criteria and screens.
- Utilized no-code low-code techniques, resulting in a configurable UI and reducing bundle size by half.
- Archived 50+ apps with 2000+ screens and over 100TB data in 2 Years.

LES PORTAL | Application/Infrastructure Retirement Portal
- Revamped Application Retirement Intake solution, streamlining the process for retiring applications, resulting in 500+ Apps retired in 2 years.
- Automated submission and decommissioning, significantly reducing intake time from three months to 15 days.
- Developed, managed and deployed multiple Background services to Notify users, trigger workflow to initiate Retirement, and approval flows which reduced manual intervention of 30 Analysts.

SLEEP TEST AUTOMATION | Server Scream Test Solution
- Created multiple dashboards and their endpoints for high level overview of server sleep test, and states. with 10+ views 100+ filters and multiple drill down option for Upper Management.
- Build UI and API in the Scream Test process which contains 3 Flows with 5+ Stages and over 30+ Tasks for each server Type Sleep Test.
- 750+ Servers sleep-tested with 2 weeks average per sever saving infrastructure cost.

LEDCS | Electronic Data Conversion Services
- Contributed to the Electronic Data Conversion project from external vendors to the EPIC EMR system Reducing integration time to 2 weeks.
- Developed solution with 5+ conversion Types,12+ Datasets, Configurable attributes for each conversion.
- Engineered reusable components using custom hooks to streamline complex UI requirements, greatly reducing code duplication.

EDUCATION

COLLEGE OF ENGINEERING TRIVANDRUM
Bachelor of Technology in Computer Science with Honours
2017 - 2021 | CET, Kerala
Cumulative. GPA: 9.98 / 10.0

MOPLA HIGHER SECONDARY
Higher Secondary in Science
2015 - 2017 | Kozhikode, Kerala
Percentage: 100% : 1200/1200

CERTIFICATIONS
- Azure Fundamental Az-900 (Apr-2022)
- Developer Associate Az-204 (Nov-2022)
- NPTEL Discrete Maths(Dec-2020)
- NPTEL Social Networks (Dec-2020)
- NPTEL Database Management System (Sep-2019)

AWARDS
- Kerala Technological University KTU - **B-Tech First Rank 2017-2021**

COURSEWORK
UNDERGRADUATE
- Computational Complexity *(Hons)*
- Design and Analysis of Algorithms
- Data Structures and Algorithms
- Principle of Information Security
- Machine Learning

- Lung Sound Classification using Generative Adversarial Network (GAN)
- College Grievance Readdress system using Vue.js and Express.js

SCRAP - SERVER DECOM
- Created RESTful Micro Service to initiate Server Decommission.
- Implemented validations and Transactional Execution to ensure integrity of Bulk Request.