GOPIKALAKSHMI

FULLSTACK DEVELOPER
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A seasoned full-stack developer with over five years of experience within a Fortune 500 IT organization, I excel as a collaborative and meticulous team player. My proficiency encompasses the development and maintenance of web applications, with notable contributions to a prominent insurance client.

SKILLS

- **Programming Language:** C#, JavaScript, TypeScript,
- **Frameworks:** ASP.NET MVC, React, Angular, Express JS, Next.js
- **API Development:** RESTful APIs, AI APIs, JSON
- **Version Control:** Git, GitHub
- **Cloud Computing:** AWS
- **Database Technologies:** MSSQL, MYSQL, ORACLE, SYBASE, Entity Framework, LINQ, Mongo DB, Firestore
- **Web Technologies:** HTML, CSS, Bootstrap, Tailwind CSS
- **Reporting Tools:** SSRS, Crystal Reports, IReport
- **CI/CD Tools:** Docker, Kubernetes

EXPERIENCE

JANUARY 2022–OCTOBER 2022.
SIG24 CHARITABLE TRUST
Freelance Developer

Role: Application Developer (Voluntary & Gratis)
Project: SIG24
Software Used: Mongo DB, Express JS, React JS, Node JS, Redux, GitHub, Tailwind CSS, JavaScript and Web API.

- Developed web applications using React JS, Express JS, Node JS and Mongo DB.
- Designed and implemented scalable solutions for data storage with the use of NoSQL databases such as Mongo DB.
- Proficiency in utilizing ReactJS components, forms, hooks, router, Redux, and animation.
- Experience in implementing REST APIs to establish communication between the application and backend services.
- Proficient in version control systems such as Git and experience with Continuous Integration and Continuous Deployment (CI/CD) pipelines utilizing Docker and Kubernetes.

OCTOBER 2014 – MARCH 2020.
COGNIZANT TECHNOLOGY SOLUTIONS.
Software Developer.

Role: Developer/Team Member
Project: Quality Review Data System
Software Used: Angular, ASP.Net, MVC, SQL, TypeScript, JSON, AJAX, Entity Framework, GIT, NHibernate, MSSQL, HTML, Bootstrap, TFS, IIS, Service Now and SSRS

- Designed and developed a web application using Angular, ASP.NET MVC, TypeScript, HTML, CSS, Bootstrap, and MSSQL.
- Implemented JSON, AJAX, LINQ, Entity Framework, and the Repository Pattern during the web application's development.
- Applied thorough debugging and troubleshooting techniques to identify and rectify software defects improving overall application performance by 20%.
- Designed and created tables and stored procedures using SQL Server.
- Integrated SSRS reports into the web application using Report Viewer Controls.
- Developed stored procedures, customized functions, view tables, and triggers for the SSRS Report.
- Utilized Team Foundation Server (TFS) and Git as source code control.
- Developed design documents using flowcharts and pseudo code.
- Product & Requirement analysis, developer – customer co-ordination for requirement understanding & product design.
- Estimated the Cost of Production (CP) based on customer requirements.
- Deployed both the code solution and the database solution to the Test and UAT regions.
- Performed unit testing of the code.

Role: Developer/Team Member
Project: SR Automation
Software Used: Oracle, SQL and SSRS

- Utilized SSRS for automating repetitive monthly reports, resulting in a 50% reduction in the number of reports.
- Developed efficient stored procedures, customized functions, view tables, and triggers with over 20 parameters using SQL for report creation.
- Employed complex expressions to calculate, group, filter, parameterize, and format the content of the reports.
- Deployed and uploaded SSRS reports to the SharePoint server for end-user access.
- Continuous customer interaction to make reports user-friendly and reusable. Design documentation and unit testing of the code.

Role: Application Support and Maintenance/Team Member
Project: Multiple Applications
Software Used: ASP.Net, MVC, WCF, ORACLE, IREPORT, MS Access, XML, MYSQL, JIRA, Service Now

- Coordinate with teams and resolve all complex applications and system issues.

- Ensuring effective front end and back-end functionality of application.
- Implementation of application performance improvements by coordinating with the development team, internal users and the customers.
- Primary participant of direct knowledge transfer from the customer including documentation of Knowledge articles for future consumption.

CERTIFICATIONS

- UiPath RPA Developer Course: Build 7 Robots by Leon Petrou on Udemy-
  https://www.udemy.com/certificate/UC-2e01c21c-c2cc-485b-af67-4b85ffef3e7d/
- RPA Bootcamp by Leon Petrou-
  https://project.futurerpa.com/certificate?reference=1613603001786x593012067534220000
- Full Stack Web Developer - MEAN Stack (Master Program by Simplilearn)-
  https://success.simplilearn.com/97ba25ce-6b4c-40ad-a80b-96e83810670c
- JavaScript Course with Certification: Unlocking the Power of JavaScript by Scalar.
- React (Basic) Certificate – https://www.hackerrank.com/certificates/f3fe679e0c05

EDUCATION

BACHELOR OF TECHNOLOGY – ELECTRONICS & COMMUNICATION ENGINEERING,
AMRITA SCHOOL OF ENGINEERING, KOLLAM, KERALA.

ADDITIONAL INFORMATION

APRIL 2020–PRESENT.
PLANNED CAREER BREAK

- Voluntarily ceased working to raise a child who no longer requires full-time support, and I am now eager to resume my professional career.
- Dedicated time to professional development by acquiring new certifications and sharpening existing skills.
- Currently pursuing advanced **MERN Stack** training:
  - React - The Complete Guide 2024 (incl. Next.js, Redux) -In Progress
  - MERN Stack Developer (Master Program by Simplilearn)- In Progress
- Actively working on the *100-Project Challenge* to enhance proficiency in ***React, Angular, and Next.js*** frameworks, including:
  - Exploring and integrating AI capabilities in frontend applications.
  - Using APIs to fetch and display dynamic data.
  - Building applications in both React, Angular and Next.js to deepen full-stack development skills.
  View my progress on GitHub: GitHub Repository