

# Gopikalakshmi

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## SUMMARY

Experienced full-stack developer with over five years in web development. Proficient in React, Next.js, ASP.NET, and Node.js, delivering scalable, high-quality solutions for both corporate and nonprofit sectors.

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## EXPERIENCE

### Web Application Developer/Adviser

Catchafire

March 2025 - Present

- Contributed to developing a Next.js and React-based web application for a nonprofit organization.
- Created an admin page to streamline content management and improve user accessibility.
- Implemented UI/UX improvements, enhancing the overall user experience.
- Managed deployments using GitHub and Vercel, ensuring smooth updates and minimal downtime.
- Worked closely with stakeholders to ensure the application met organizational needs.

### Freelance Developer

SIG24 Charitable Trust

January 2022 - October 2022

- 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.
- Conducted React-level unit testing using Jest and React Testing Library to ensure component reliability..

### Software Developer

Cognizant Technology Solutions

October 2014 - March 2020

- Designed and developed a web application using Angular, ASP.NET MVC, TypeScript, HTML, CSS, Bootstrap, and MS SQL.
- Implemented JSON, AJAX, LINQ, Entity Framework, and the Repository Pattern to enhance functionality.
- Optimized application performance by 20% through debugging, troubleshooting, and performance tuning.
- Designed and created SQL Server tables, stored procedures, views, functions, and triggers, integrating SSRS reports using Report Viewer Controls.
- Managed source control using Team Foundation Server (TFS) and Git, and documented designs with flowcharts and pseudocode.
- Collaborated with customers for requirement analysis, estimated production costs, and deployed solutions to Test and UAT environments..

### Developer/Team Member

Cognizant Technology Solutions

October 2014 - March 2020

- Automated monthly reports using SSRS, reducing report volume by 50% and improving efficiency.
- Developed optimized stored procedures, functions, views, and triggers with over 20 parameters for report generation.
- Employed complex expressions for calculation, grouping, filtering, and formatting to enhance report usability.
- Deployed SSRS reports to the SharePoint server and collaborated with customers to ensure user-friendly and reusable reports..

### Application Support and Maintenance/Team Member

Cognizant Technology Solutions

October 2014 - March 2020

- Coordinated with teams to resolve complex application and system issues.
- Ensured seamless front-end and back-end functionality of the application.
- Implemented performance improvements by collaborating with developers, internal users, and customers.
- Led knowledge transfer sessions and documented knowledge articles for future reference..

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## EDUCATION

### Bachelor of Technology – Electronics & Communication Engineering

Amrita School of Engineering • Kollam, Kerala

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## CERTIFICATIONS

### React (Basic) Certificate

HackerRank • 2025

### JavaScript Course with Certification

Scalar • 2024

### Master Program by Simplilearn - Full Stack Web Developer - MEAN Stack.

Simplilearn • 2023

### RPA Bootcamp by Leon Petrou.

Udemy • 2022

## **SKILLS**

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Frontend Development: React.js, Next.js, Angular, Redux, Tailwind CSS, Bootstrap, HTML, AJAX, CSS

Backend Development: ASP.NET, MVC, .NET Core MVC, Node.js, Express.js, Web API

Databases: MSSQL, MongoDB, MySQL, Oracle, MS Access

DevOps & Cloud: GitHub, Git, TFS, Vercel, IIS, Docker, Kubernetes

Testing & QA: Jest, React Testing Library

API Development: RESTful APIs, AI APIs, JSON

ORM & Querying: Entity Framework, NHibernate

Reporting & BI: SSRS, IReport, Crystal Reports

Project Management & Tools: JIRA, ServiceNow

Programming Languages: JavaScript, TypeScript, SQL, JSON

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