

VARALAKSHMI PATNALA

SOFTWARE DEVELOPER

DETAILS

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LINKS

[Linkedin](#)

[Github](#)

[Portfolio](#)

SKILLS

.NET Framework

Ruby on Rails

ASP.NET MVC

Ruby

Python

ReactJS

C#

PostgreSQL

MySQL

SQL

JavaScript

TypeScript

HTML/CSS

Elixir

MongoDB

RSpec

Github/Gitlab

PROFESSIONAL SUMMARY

Software Developer with 6+ years of experience in building high-quality web applications. Proven expertise in Ruby on Rails, .NET (C#), ReactJS, PostgreSQL, AWS and Azure cloud services.

Experienced in developing fullstack applications with a focus on backend architecture and responsive UI design. Currently expanding capabilities in SPFx and Azure to build scalable SharePoint and Microsoft 365 solutions.

Strong communicator with a passion for mentoring and creating impact-driven products in collaborative team environments.

EMPLOYMENT HISTORY

Intern, Datacom

Auckland, New Zealand

May 2025 — Present

- Developed interactive web parts using SharePoint Framework (SPFx) to customize and extend modern SharePoint experiences within Office365.
- Built reusable React components in TypeScript for maintainable UI architecture, and developed backend APIs using C# and .NET to support seamless frontend integration
- Assisting in the development of a CI/CD pipeline that allows for rapid deployments with minimal downtime using Microsoft Azure Devops and other Azure services

Technical Analyst, SenecaGlobal IT Services

Hyderabad, India

Feb 2023 — Aug 2024

- Designed and deployed scalable public APIs for PathFactory's Datalake platform, enabling customers to access real-time engagement analytics and visitor data.
- Improved API performance by refactoring core endpoints using Ruby on Rails and FastAPI.
- Contributed to Elixir-based umbrella applications by integrating Snowflake for large-scale analytics, improving query efficiency for data-heavy operations.
- Developed and maintained internal tools and reporting dashboards using C# and ASP.NET MVC
- Developed reusable front-end components in ReactJS, enhancing maintainability and user experience consistency across modules.

Lead Engineer, Nitor Infotech

Pune, India

May 2022 — Feb 2023

- Architected backend solutions and frontend features for CarAdvise, a vehicle maintenance platform.
- Collaborated with clients to formulate design solutions for the Caradvise project, developed using the Ruby on Rails framework
- Led a team of four developers, providing guidance, support, and technical mentorship. Regularly reviewed their work to ensure quality, adherence to best practices, and timely project delivery.

GraphQL

PnP.js

Microsoft Graph API

SQLAlchemy

Snowflake

Twilio

AWS Services (S3, CloudWatch, EC2, SFTP)

Docker

Mailtrap

Mandrill/Mailchimp

Elasticsearch/Kibana

SharePoint Framework (SPFx)

WordPress

Redis

Postman/Soap UI

SwaggerHub

Office365

Atlassian (Jira/Confluence)

Azure DevOps

INTERESTS

Reading

Chess

Solving Puzzles

Cooking

Cultural Exploration

Hiking

Mindful Living

- Enhanced deployment efficiency by modifying GitLab CI/CD pipelines and configuring AWS Transfer for SFTP file management.
- Maintained documentation and knowledge sharing via Confluence and integrated Sentry for real-time error monitoring.

Senior Software Engineer, Nitor Infotech Pune, India

Jun 2021 — May 2022

- Delivered new customer features for CarAdvise using ReactJS and Ruby on Rails.
- Developed SOAP and REST services to support integration with third-party platforms.
- Developed and maintained dynamic WordPress pages and custom Mandrill email templates to support marketing and transactional workflows.
- Provisioned and managed AWS resources, including creating and configuring S3 buckets and EC2 instances for application deployment and storage needs.

Software Engineer, Prasthana Software Solutions Hyderabad, India

Nov 2019 — Jun 2021

- Developed and maintained new feature APIs for Mindoula project using Ruby on Rails to support evolving product requirements and improve platform capabilities.
- Implemented APIs using .NET Framework for secure data communication between client modules.
- Integrated third-party services including Google Calendar, Twilio, and Sendbird APIs for push notifications and Mailtrap integration for mails in lower environments.
- Improved search performance using Elasticsearch and increased test coverage through RSpec.

Tech Associate, GreyCampus Hyderabad, India

May 2018 — Sep 2019

- Built responsive web applications for GreyCampus, a platform offering resources for professional certifications like PMP, Six Sigma, and ITIL.
- Developed full-stack features using HTML, CSS, JavaScript, Ruby on Rails, and ReactJS.
- Designed and optimized relational database structures based on business requirements.
- Participated in sprint planning, estimations, and Agile ceremonies for continuous delivery.
- Implemented unit and integration test cases using RSpec, improving code reliability and reducing post-release bugs.

EDUCATION

Bachelors in Computer Science, JNTU College of Engineering, Vizianagaram India

Sep 2014 — Apr 2018

- Technical Coordinator for the CSE Fest Cresence-2017 at JNTUK-UCEV
- Member in Organizing Committee for the Eve of 68th Republic Day at UCEV

COURSES

Learn C#, LinkedIn Learning

May 2025

Azure Fundamentals (AZ-900), Microsoft Learn

May 2025 — Present