

# Bhavendra Kumar Yarramalla

## Full-Stack Developer

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)



## EDUCATION ENROLLMENT

Kalvium's UG program in CS (Software Product Engineering)

2024–28 | B.Tech, Kalasalingam University, Krishnankovil Campus.

## TECHNICAL SKILLS

- **Languages:** Python (Advanced), C++ (Intermediate).
- **Frontend:** HTML, CSS, JavaScript, React.js, Vite (Advanced).
- **Backend:** Node.js, Express.js, MongoDB, SQL, Databases (Advanced).
- **Tools & Platforms:** Git/GitHub, Render, Netlify, Postman, Bruno, Canva and Figma.

## PERSONAL STATEMENT

Full-stack developer skilled in building and deploying scalable MERN applications with real-time data, secure auth, and CI/CD automation.

## EXPERIENCE

*August 2024 – July 2025*

### Software Developer Intern – Kalvium Work Integration

- Developed 10+ RESTful APIs and responsive UI components using MERN stack, handling 5,000+ API requests weekly.
- Engineered key modules of a ride-booking app using React and Node.js, supporting real-time ride updates for 1,000+ users.
- Launched full-stack applications on Render and Netlify, improving load performance by 35%; validated 50+ API endpoints using Postman and Bruno.
- Integrated JWT-based authentication with secure route handling in React, supporting 500+ user sessions.
- Coordinated 100+ Git commits, led 20+ peer code reviews, and resolved merge conflicts during collaborative sprints.

### Team-Based Development Experience

*August 2024 – July 2025*

- Collaborated on Agile sprints with structured daily standups and bi-weekly sprint demos.
- Participated in planning, feedback sessions, and debugging tasks to support collaborative features.

# PROJECTS

## GoRyde – Ride Booking Web App (*Solo Developer*)

[GitHub Project Repo](#) | [Deploy Link](#)

2024 – Ongoing

- Implemented a full-stack ride booking platform, enabling 24/7 availability, reducing average booking time by 3 minutes, and resulting in a 15% increase in successful ride completions.
- Initiated JWT authentication and user role segregation, tested across 100+ bookings. • Released the frontend on Netlify and backend on Render, with GitHub-managed CI/CD for version control.

## Book Management System

- Established a React and Express-based book manager, handling 300+ records with 100% CRUD coverage and form-level validation.
- Achieved a 90% form completion rate across multiple test users with responsive routing and clean UI state handling.

# TECHNICAL PROJECTS

- Designed 10+ Express APIs with MongoDB Atlas integration, supporting CRUD and auth operations in cloud-hosted applications.
- Built frontend routing system using React Router and Hooks, improving navigation speed and reducing user flow friction by 40%.
- Handled 200+ Git commits across 3 projects, resolving merge conflicts and reviewing 20+ pull requests collaboratively.

# OTHER HIGHLIGHTS

- Balanced learning across backend, frontend, and algorithms through self-oversaw study plans.
- Constructed a full-stack application using MERN stack and automated CI/CD pipelines with Render and Netlify.
- Solved 100+ LeetCode challenges in recursion, graph traversal, and data structures, increasing code efficiency and reducing solution time by 35%.
- Practiced CI/CD deployment using automated workflows with Render and Netlify.