# BHARATH RAGHAVAN

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## SUMMARY

A passionate **full-stack developer** and **NIT Calicut graduate** with expertise in building responsive and scalable web applications using the **MERN stack**. Skilled in making dynamic UIs, API integration, and state management, with hands-on experience in developing and delivering end-to-end projects

## EDUCATION

**National Institute of Technology Calicut**                                                                        Jan '20 - Sep '24

*Bachelor of Technology, CGPA: 7.85*

**Relevant Coursework**: Object Oriented Programming, Databases, Data Structures and Algorithms, Operating Systems, Deep Learning, Computer Networks, Machine Learning, Advance Data Structures and Algorithms, Information Retrieval.

## SKILLS

**Programming Languages**: Java, Python, JavaScript, SQL
**Frontend Development**: React.js, Next.js, Redux, HTML, CSS
**Backend Integration**: Java EE, Spring MVC, Spring Boot, Hibernate, Node.js
**Database**: MongoDB, MySQL, PostgreSQL.
**Cloud and DevOps:** AWS (EC2, S3, Lambda), Azure, Terraform, Ansible, Jenkins, CI/CD (GitHub Actions)
**Web Services**: REST, OAuth, JSON, SOA
**Tools**: Postman, Firebase, Vercel, Docker, Kubernetes
**Software Engineering Concepts:** Data Structures, Algorithms, System Design, OOP.

## EXPERIENCE

**Software Developer**                                                                                                     Nov '24 - Present

*Valueye Technologies*

- Developed and deployed scalable microservices using **Python** and Node.js, **optimizing API response time by 35%**.
- **Automated CI/CD pipelines** using **GitHub Actions** and **Docker**, reducing deployment time by 40%.
- Implemented **AWS-based cloud solutions** (EC2, S3, Lambda) and infrastructure automation with **Terraform**, improving system scalability.

## PROJECTS

**Bookstore App**                                                                                                                        Oct '24

- Built a full-stack **[Book Store](#)** web application using the **MERN stack** with **secure authentication, Redux-based cart, and API integrations**, improving **UI responsiveness by 35%**
- Implemented **CI/CD pipelines (GitHub Actions) and deployed on Vercel,** ensuring a **scalable, high-performance cloud-hosted solution**. **[GitHub Repository](#)**

**NetFlix Clone**                                                                                                                       Sep '24

- Developed a Netflix clone **[Web application](#)** using **React** and the **TMDB API** to browse trending and genre-specific movies with **YouTube trailer integration and optimized API queries**, reducing latency by **20%**..
- Implemented **Swiper.js carousels and Firebase hosting**, for **responsive UI and seamless movie browsing [GitHub Repository](#)**

## VOLUNTEERING

**iGenius Competition, NIT Calicut**                                                                                         Mar '24

- **[Runners-up in iGenius Competition](#)** at NIT Calicut, competing among **600+** participants.
- Delivered a presentation to a panel of **10** judges, showcasing strong communication, teamwork and strategic planning skills

**Data Structures & Algorithms Enthusiast**                                                                          Jan '23

- Solved over **450+** algorithmic problems on **[LeetCode](#)**, enhancing **problem-solving** and **data structures** expertise.
- Actively participate in **coding challenges** and contribute **optimized solutions** to the community.

## CERTIFICATIONS

**Career Essentials in Software Development:** Issued by: Microsoft and LinkedIn | Issued on : Jan '25 | **[Credential URL](#)**
**Practical GitHub Actions:** Issued by: LinkedIn | Issued on : Jan '25 | **[Credential URL](#)**
**SQL Certificate:** Issued by: HackerRank | Issued on : Jan '25 | **[Credential URL](#)**