

SHREYAS BALAJI NAGARAJA

[Github](#) | [LinkedIn](#)

Full Stack Developer ([Portfolio Website](#))

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TECHNICAL SKILLS

Frontend : React JS, Next JS, Tailwind CSS
Languages: Java, JavaScript, Python, C++
Tools : Jira, Git
DevOps: Docker, Terraform, CloudFormation

Backend: Spring Boot, Node JS
Testing: Jest, Cypress
Cloud: AWS, Azure
Database and storage: MySQL, MongoDB, Redis

PROFESSIONAL EXPERIENCE

Associate Software Engineer - Xoriant Solutions Pvt. Ltd, Pune Sep 2021 - Jul 2022
Full Stack (React JS and SpringBoot)

- Architected and implemented a highly efficient internal tool leveraging React, JavaScript, Spring Boot, Redux, Redis and MongoDB, streamlining the user response collection process and saving the client an average of 20 hours per week.
- Leveraged Formik and Lazy Loading to optimize system responsiveness and Redis as cache storage for faster retrieval speeds, resulting in a 7% improvement in overall efficiency causing more user engagement.
- Managed the codebase using Git which enabled seamless collaboration with a team of 5 members and ensured code consistency and reliability.
- Wrote test cases using Jest and Cypress which detected a website crash, thus clearing 2 backlog stories.
- Spearheaded Agile and Scrum methodologies to drive effective development of the application, resulting in a 25% reduction in development time and improved team collaboration

Intern - InfyCloud Software India Pvt. Ltd, Bangalore. Aug 2020 - Sep 2020
Full Stack(JavaScript and PHP)

- Built a website using HTML, CSS, JavaScript and PHP as a mandatory project requirement.
- Collaborated and solved bugs with a group of 3 people which decluttered the UI and improved engagement by 5%.
- Used Lazy loading, Debouncing and throttling to increase efficiency by 8%.

EDUCATION

Master of Applied Computer Science - GPA: 4.00/4.3 Jan 2023 - Ongoing
Dalhousie University, Halifax
Bachelor of Engineering (Computer Science) - GPA: 7.93/9.0 Jul 2017 - Jul 2021
Visvesvaraya Technological University, Bengaluru

PROJECTS

Go-Meals: (React JS, JavaScript, Spring Boot, MySQL, JUnit)

- Developed a meal subscription and delivery website which follows a B2C approach.
- Used React JS and Spring Boot for development and Jest for effective edge case handling.
- Collaborated with a team of 4 using Jira and Gitlab for the seamless development.
- Achieved 5% increase in lighthouse report performance by the use of lazy loading.

Food order management platform: (AWS CloudFormation, MERN, DynamoDB, EC2, Lambda, SNS, SQS)

- Tool built as an alternative to phone in order of a restaurant, Used Linux environment for smooth deployment.
- Employed EC2 for the IaaS option and Lambda, SNS for serverless option which resulted in optimized resource usage and cost reduction.
- Utilized Node JS and Express JS for Rest API handling and integrated with MongoDB for Serverless and NoSQL facilitation.

Portfolio: (React JS, JavaScript, Tailwind CSS)

- A Showcase website containing all my work, deployed in Netlify and also contains all my other works which are not mentioned here.
- Made use of Tailwind CSS for seamless styling and integration of responsiveness across screen sizes.