

SAI SRINIVAS ALAHARI

Location: Vancouver, BC

Email ID: saialahariedu@gmail.com | [Portfolio](#)

PROFESSIONAL SUMMARY

A highly skilled Full-Stack Developer with 2 years of hands-on experience in building dynamic and scalable applications using React, Next.js, and Java Spring Boot. Possesses a Postgraduate Diploma in Digital Design and Development, seamlessly blending strong technical expertise with a solid design foundation to create intuitive and user-centered solutions. Passionate about delivering high-quality code and fostering innovation across both front-end and back-end development.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript (ES6+), TypeScript, Python, Java
- **Front-End Frameworks and Libraries:** ReactJS, Next.js, Redux, React Hooks, TailwindCSS
- **Back-End Development:** Python (Django), RESTful API development, Java Springboot,
- **Database:** PostgreSQL, MongoDB
- **Version Control & Tools:** Git, GitHub, Bitbucket
- **Cloud Technologies:** Docker, Kubernetes, AWS
- **Development Methodologies:** Agile (Scrum)
- **Machine Learning & AI:** LangChain, Retrieval-Augmented Generation (RAG)

WORK EXPERIENCE

Cognizant Technology Solutions
Full Stack Developer

Coimbatore, TN, India
Jan 2020 - Oct 2021

- Build dynamic and responsive user interfaces using ReactJS, React Hooks, and Next.js for seamless user experiences.
- Develop reusable UI components and implement consistent design patterns for optimized performance.
- Implement RESTful API integrations to display real-time data and ensure smooth communication between front-end and back-end services.
- Develop and maintain robust and scalable back-end services using Python (Django) and Java Spring Boot, focusing on RESTful APIs and microservices architecture.
- Utilize PostgreSQL and MySQL for efficient database management, implementing JPA and Hibernate for ORM functionality.
- Ensure secure authentication and authorization by leveraging Spring Security with JWT.
- Participate in building microservices architecture, ensuring efficient inter-service communication, error handling, and logging.
- Collaborate with cross-functional teams, including UI/UX designers, QA engineers, and DevOps, to deliver high-quality software solutions.
- Manage source code versioning using Git and collaborate on repositories hosted on GitHub, GitLab, or Bitbucket.
- Write and maintain unit tests for back-end services using JUnit and Mockito and for front-end components with Jest and React Testing Library.
- Engage in Agile development practices, including sprint planning, daily stand-ups, and retrospectives, to ensure consistent progress.
- Contribute to CI/CD pipeline integration to automate testing, building, and deployment processes using tools like Jenkins or GitLab CI.

PERSONAL PROJECTS

Browzio(Browser Extension)

- Designed and developed a browser extension for Firefox named **Browzio**.
- Tracks user activity metrics such as mouse hover distance, scroll distance in meters, and top 5 tabs with detailed time spent on each tab.
- Provides insights through an intuitive dashboard, enabling users to analyze their browser behavior and productivity.
- Leveraged modern JavaScript and browser APIs to create a seamless and efficient user experience.
- Focused on performance optimization and accurate tracking mechanisms.

RedinAI

- Developed RedinAI, an AI assistant that allows users to input a Reddit post link and a prompt for insightful answers based on post comments.
- Utilized AI to analyze lengthy Reddit threads and provide accurate, concise, and relevant summaries to help users better understand complex discussions.
- Designed the app to solve the challenge of absorbing knowledge from extensive Reddit threads, offering a user-friendly interface for quick and easy information extraction.
- Focused on providing valuable, personalized answers by summarizing key points and addressing specific user queries.

And Many More...

Explore these and other innovative projects on my GitHub: [GitHub Profile](#)

ACADEMIC PROJECTS

North Island College

Courtenay, BC, Canada

Mood, Climate and Location based Music Web Application Project (Dhvani)

Winter 2024

- By integrating weather and location APIs, Dhvani can adjust the music to suit the current environmental conditions. For instance, it might play upbeat tracks on a sunny day or soothing music on a rainy day.
- Dhvani utilizes advanced algorithms to curate playlists that align with the user's current mood, preferences, and Location.
- Access Dhvani's case study [here](#) and [github](#)

North Island College

Courtenay, BC, Canada

Falcon Design System Project

Winter 2023

- A complete design system built from the scratch for the client.
- Access Design sytem [here](#) and [github](#)

EDUCATION

NORTH ISLAND COLLEGE

Courtenay, BC, Canada

PG Diploma in Digital Design and Development in Web

Sep 2022 - April 2024

Cumulative GPA: **4.03 /4.33**

- Honors: 2023 Recipient of Leonard & Isabel Bryan Memorial Bursary Scholarship
- Recognized for academic excellence and placed on the Dean's Honour Roll at North Island College, June 2024.
- Relevant Coursework: UI/UX, Java, Advanced CSS and Javascript , Advanced Wordpress Development, PHP, Database Fundamentals, Project Management and Capstone Projects

BAPATLA ENGINEERING COLLEGE

Bachelor of Technology in Electronics and Communication Engineering

Cumulative GPA: **8.49 /10.00**

Bapatla, AP, India
Jul 2015 - April 2019

SKILLS & INTERESTS

Languages: English, Hindi and Telugu.

Interests: Machine Learning and Artificial Intelligence, Fitness and Photography.