

Srinivasan R

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Summary

Dedicated Full Stack Developer with 2+ years of experience building responsive web applications. Specializing in MERN stack development, with expertise in creating secure, user-friendly dashboards and optimizing performance. Strong communicator with a focus on client collaboration and precise requirements gathering.

Skills & Interests

Programming Languages: PHP, TypeScript, JavaScript, Python

Frontend: React.js, HTML, CSS, TailwindCSS, Bootstrap 5, shadcn/ui

Backend: Node.js, Express.js, Golang Database Management: MongoDB, MySQL, Firebase

Developer Tools: Git, Postman, VS Code, Jira, Arduino

Cloud & Infrastructure: AWS, GCP, DigitalOcean Blockchain: Polygon, Crust Network, Solidity, Ethers.js

Software Processes: Software Configuration Management (SCM): Systems Engineering, API Integration

Soft Skills: Team Leadership, Project Planning, Problem Solving, Communication

Experience

XYMA Analytics, IIT Madras

Chennai, India

Senior Software Engineer

April 2025 – Present

- Leading a new product development initiative in the R&D department, leveraging the MERN stack for scalable architecture.
- Collaborating with cross-functional teams to design and prototype a cloud-native application for industrial data processing.
- Spearheading end-to-end implementation of features, ensuring code quality, performance, and maintainability.
- Mentoring junior developers and contributing to technical documentation and code reviews.

XYMA Analytics, IIT Madras

Chennai, India

Junior Software Engineer

March 2023 – March 2025

- Developed and deployed a scalable MERN stack dashboard for enterprise clients like Vedanta, featuring role-based access control and dynamic user privilege management.
- Engineered high-performance Chart.js visualizations, optimizing rendering performance by 30% to support real-time data monitoring across multiple departments.
- Integrated third-party APIs (including Airtel API) using Node.js, reducing data retrieval errors by 20% and improving system reliability.
- Led client requirement gathering sessions, improving project clarity by 15% and establishing detailed documentation processes that streamlined development workflows.
- Redesigned UI/UX elements according to brand guidelines, increasing user engagement metrics by 20% and reducing user onboarding time.

XYMA Analytics, IIT Madras

Chennai, India

Software Engineer Internship

September 2022 – February 2023

- Developed an Android app using Java and Firebase for real-time data visualization via RecyclerView.
- Created responsive websites using HTML, CSS, and JavaScript, improving UI satisfaction by 20%.
- Built a data visualization dashboard with PDF.js for custom report generation, receiving recognition for intuitive design and practical functionality.
- Implemented secure authentication systems, protecting sensitive customer information and meeting security compliance requirements.

Education

Vellore Institute of Technology
Master in Computer Application

Chennai, India
March 2023

The American College
Bachelor of Science in Computer Science

Madurai, India
June 2021

Projects

Mintmate Banking Application

- Architected and developed a modern banking platform using TypeScript, Next.js, and TailwindCSS with shadcn/ui components.
- Implemented real-time financial data visualization using Chart.js, enabling users to track spending patterns and account balances.
- Integrated Plaid and Dwolla APIs for secure financial transactions and account connectivity.
- Deployed application infrastructure on Vercel with error monitoring through Sentry, ensuring 99.9% uptime and rapid issue resolution.
- Utilized Appwrite for backend services, streamlining user authentication and data management.

Key Technologies: TypeScript, Next.js, TailwindCSS, Appwrite, Sentry, Plaid, Dwolla

Weather.js Application

- Developed a responsive weather application integrating React.js with OpenWeather API for real-time meteorological data.
- Implemented comprehensive weather metrics including temperature, humidity, and wind speed for user-specified locations.
- Created an intuitive search interface allowing users to easily query weather conditions for any city or region.
- Applied responsive design principles ensuring optimal viewing experience across all device sizes.

Key Technologies: React.js, JavaScript, HTML/CSS, OpenWeather API, Fetch API

UNI-Card: Decentralized ID & Certificate Management

- Developed a blockchain-based credential verification system in just 3 days during the Hacknight Hackathon.
- Implemented decentralized storage using Crust Network for secure certificate and ID management.
- Created NFT-based verification using Polygon blockchain, ensuring document integrity and authenticity.
- Built a streamlined authentication system enhancing user login experience and security.

Key Technologies: React.js, Polygon, Crust Network, Solidity, Ethers.js

Achievements & Certifications

Hacknight Hackathon Participant (April 2022)

- Developed UNI-Card, a decentralized credential verification system in a 3-day web3 hackathon.

Advanced C++ Training

- Indian Institute of Technology (IIT) Bombay (May 2022).

Python 3.4.3 Training

- Indian Institute of Technology (IIT) Bombay (May 2022).

C Programming Training

- Indian Institute of Technology (IIT) Bombay (May 2022).

Google Analytics Certification

- CISCO Networking Academy (October 2021).

Introduction to Packet Tracer

- CISCO Networking Academy (October 2021).