Yennam Santhosh Kamal Murthy

yennamsanthosh82@gmail.com / 774-701-9207
github.com/santhoshyennam / portfolio
linkedin.com/in/santhosh-yennam-67a55b157

Professional Summary

Full Stack Developer with 2 years of full-time experience and 2 years as a freelancer, specializing in both frontend and backend technologies. Proficient in TypeScript, React.js, Spring Boot, and Node.js, with expertise in containerization using Docker and Kubernetes. Skilled in developing scalable applications, integrating diverse technologies, and optimizing system performance. Strong foundation in data structures, algorithms, and system design. Demonstrated ability to deliver high-quality solutions across various projects and industries.

Skills

- Strong Knowledge on Data Structures and algorithms, System design.
- **Frontend:** Typescript, React JS, Next JS, Android Development, Vue JS, HTML, CSS, Bootstrap, Material UI, Tailwind.
- **Backend:** Spring Boot, Node JS, Flask, Laravel.
- **Languages:** Java, JavaScript, C language, C++, Kotlin and Python.
- **Databases:** MySQL, Postgres, MongoDB, Elastic Search, and Redis.
- **Cloud & DevOps:** GitHub, AWS, Docker, Kubernetes, and CI/CD (GitHub Actions).
- **Testing:** Junit, Mockito, Jest, Cypress, JMeter, and Roboelectric.
- **Other:** RESTful APIs, GraphQL, WebSockets, Webpack, OAuth, Microservices, Graylog, Kafka, and RabbitMQ.

Work Experience

Zemoso Technologies Pvt Ltd, Hyderabad, India

Hyderabad   Aug 2021 - Jun 2022

Full Stack Developer

- Developed a web UI for a Privacy API solution using React.js and GraphQL, integrating Okta for multi-environment authentication.
- Created SDKs for Android, Golang, Java, and Node.js platforms, ensuring cross-platform compatibility.
- Designed and implemented PCI-compliant custom widgets for secure payment information handling, with configurable validation.
- Developed a Backend-for-Frontend (BFF) middleware to facilitate communication between React.js frontend and Node.js backend.
- Established gRPC communication between Node.js and Golang backends, enhancing system interoperability.
- Implemented comprehensive testing strategies, including unit, integration, and automated regression testing.
- Designed and implemented CI/CD pipelines using GitHub Actions, automating deployment processes across environments
- Integrated Codecov for code coverage analysis, enhancing code quality assurance processes.
- Collaborated with cross-functional teams to gather requirements and deliver client-focused solutions.
- Conducted code reviews and implemented best practices to maintain high code quality and maintainability.
- Ensured PII and PCI compliance across Android, iOS, and JavaScript widgets, enhancing data security.
- Java, Python, Kotlin, Golang, Typescript, Android, React JS, Node JS, Typescript, Apollo GraphQL, Graylog, Rest API, Material UI, GitHub Actions, Jest, Mockito, Junit, JMeter, RoboElectric, Codecov, AWS S3.

Backend Developer   Jul 2022 – Jan 2023

- Connected Spring Boot with Postgres, enabling seamless data operations and retrieval, resulting in a 30% increase in database query performance.
- Developed REST APIs with Spring Boot, ensuring efficient client-server communication and integration with third-party systems, improving API response time by 25%.
- Implemented Elasticsearch within the Spring Boot application to provide advanced search capabilities, leveraging its indexing and search features for efficient data retrieval.
- Integrated Spring Security with JWT and OpenID Connect for robust authentication, enhancing security and reducing unauthorized access incidents by 40%.
- Java, Spring Boot, Spring Security, Elasticsearch, Redis, JWT, OpenID Connect, Postgres, Docker, Kubernetes.

Freelance

Hyderabad, India   Jul 2022 – Jan 2023

Android Developer

- Developed and released a grocery application on the Google Play Store.
- Implemented the frontend using Kotlin, ensuring a seamless and interactive user experience.
- Integrated push notifications using Firebase Cloud Messaging for real-time communication.
- Utilized Google Maps API to provide location-based services.
- Employed broadcast receivers to listen for system-wide events, enhancing the app's responsiveness.
- Android Studio, Kotlin, XML, Google Sign-In, Google Maps, Rest APIs (Retrofit), Firebase database, Firebase Authentication, Firebase Cloud Messaging, OTP, Broadcast Receivers. Github Link

Cincinnati, USA   Dec 2023 – Feb 2024

Frontend Developer

- Designed and developed a responsive website for an event décor business.
- Implemented a modern, visually appealing UI using React.js and Bootstrap.
- Created a dynamic image gallery showcasing various event decorations.
- Implemented SEO best practices to improve site visibility.
- Ensured cross-browser compatibility and mobile responsiveness.
- Github Link, Website Link
- **Technologies:** React.js, Bootstrap, CSS3, HTML5, JavaScript, GitHub

Project Work

- **Full Stack Project (2023):** Designed and developed a robust web application using Flask, incorporating Flask-WTF for seamless frontend form handling. Established a secure and efficient connection between the Flask backend and MySQL database using SQLAlchemy. Deployed the web application on AWS EC2, leveraging Docker for containerization and GitHub Actions for continuous integration and deployment. Github Link
  Technologies: Flask, Flask-WTF, MySQL, SQLAlchemy, AWS EC2, Docker, GitHub Actions.
- **Resume Generator Project (2024):** Designed and developed an AI-powered resume generation platform using Vue.js for the frontend and Node.js with Sequelize for the backend. Implemented user authentication, profile management, and comprehensive resume-related functionalities, including creating, viewing, and downloading resumes as PDFs. Utilized MySQL for database management, ensuring secure and efficient data handling. Github link
  Technologies: Vue.js, Vuetify, Node.js, Sequelize, MySQL, AWS EC2, Docker, GitHub Actions.
- **Story Generator Project (2024):** Developed a storytelling platform using Vue.js and Vuetify for the frontend, and Node.js with Sequelize for the backend. Integrated AI models for personalized story generation. Github Link