Name

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Skills

- JavaScript | TypeScript | Scala | Python | Pytorch | DynamoDB | MySQL | Node | React Native | React | NextJS | PostgreSQL | Git | NoSQL
- AWS | Cloud Computing | CI/CD | Jest | Docker| Nightwatch | Unit Testing | Lambda | OOP | Unity 3D | Functional Programming | Agile
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | Machine Learning | UI/UX Design | Containerization

Experience

Software Engineer   **Freelancer**   **11/2022 - Current**

- Designed and delivered 10+ high-quality websites and mobile applications for small businesses, meeting client requirements and deadlines.

Founding Engineer   **Company**   *USA* **12/2023 - 04/2024**

- Engineered 70% of Company's mobile app codebase using React Native, Zustand, and Firebase. Designed UI/UX, selected colors, and implemented features, resulting in 60% increased engagement and 40% fewer crashes.
- Spearheaded 50% of the marketing ideas and participated in product planning, leveraging insights from app analytics to drive user acquisition and retention strategies.

Software Engineer   **Company**   *India* **09/2019 - 05/2022**

- Developed and deployed scalable web applications using React.js, Node.js, and Spring Boot, integrating with AWS services and databases, resulting in a 35% increase in user engagement and a 20% reduction in page load times.
- Architected high-performance mobile apps using React Native and Java, leveraging AWS serverless architecture and real-time data synchronization, enhancing user experience and boosting daily active users by 50%.
- Collaborated with cross-functional teams to create a data visualization platform using React.js, Redux, and charting libraries, enabling users to gain insights from complex data, resulting in a 30% boost in operational efficiency.
- Implemented and optimized CI/CD pipelines using AWS tools, automating build, test, and deployment processes, reducing manual efforts by 75% and enabling the delivery of high-quality software releases on a regular basis.

Education

Master of Science   **College**   *Location* **09/2022 - 5/2024**

- Major in Computer Science

Bachelor of Science   **College**   *Location* **07/2018 - 5/2022**

- Major in Electronics And Communication Engineering

Projects

StreamYard API

- Engineered a highly scalable and efficient API-based clone of Stream Yard using Go, leveraging WebRTC, WebSockets, and Docker for seamless video streaming and real-time interaction.
- Incorporated advanced features such as multi-user support, real-time chat, and resource allocation using Kubernetes, Redis, and MongoDB, optimizing performance and user experience.

Insight Engine

- Created an application to deliver contextually relevant responses to complex queries, employing Next.js for frontend, LLaMA2 for language processing, and MongoDB for database management.
- Integrated Brave Search API for enhanced search functionality, and utilized Docker to ensure scalable and efficient deployment of the application, potentially improving search efficiency by up to 40% compared to traditional search methods.

E-commerce Chatbot

- Built a scalable ecommerce chatbot using Next.js, React, Node.js, Express, and PostgreSQL, integrating ChatGPT API for natural language understanding and personalized recommendations.
- Added real-time cart management with Redux and WebSocket, secure payments via AWS Lambda and Stripe API, user authentication using JWT and OAuth 2.0, and order notifications with AWS SNS, aiming to enhance user experience and improve the overall shopping experience by up to 50% compared to traditional e-commerce platforms.

Certifications

- AWS Certified Solutions Architect - Associate

Others

- **Hackathon Winner:** Won Cloudflare Hackathon for developing **App** LLMs Powered Web Application **(12/2023)**